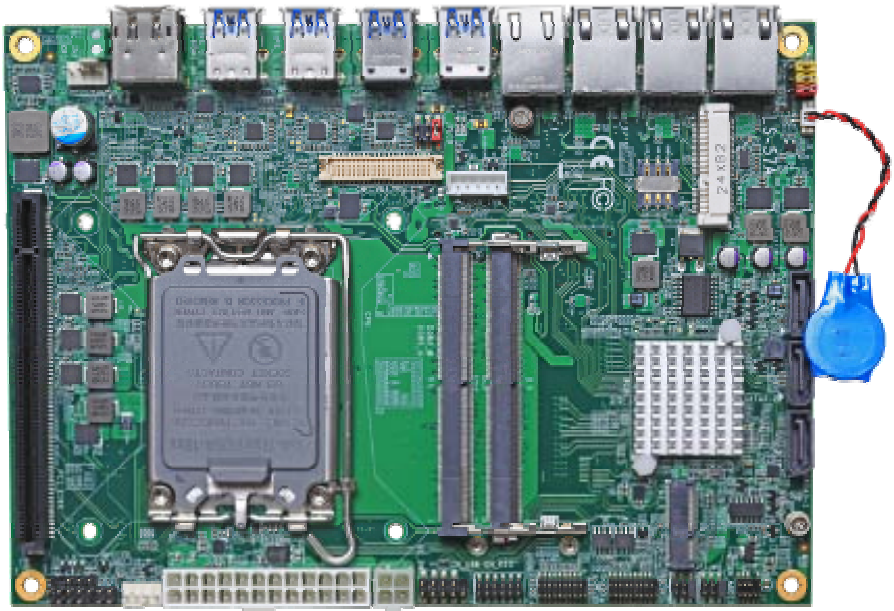


Product Test Report



Product Name	LS-57A
Product Version	A
Issued Date	2024.4.2
Report Edition	1.0
BIOS Version	1.0
Testing Engineer	Rick
Check Engineer	Perry

REVISION HISTORY			
DATE	REVISION NO.	PAGE	DESCRIPTONS
2024.4.2	Ver. 1.0	182	Initial Release

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1. Function test

1.1 Hardware functions

Base Function Test

Item	Description	Result
1	Power Button	PASS
2	Reset	PASS
3	Power LED	PASS
4	HDD LED	PASS
5	CPUFAN	PASS
6	SYSFAN	PASS
7	CN_AUDIO	PASS
8	LAN1 (I219-LM)	PASS
9	LAN2/3/4 (I226-LM)	PASS
10	Type C A/B	PASS
11	DDR5 A/B	PASS
12	SATA3-1/2/3	PASS
13	USB3.2 Gen2 1/2/3/4/5	PASS
14	USB3.2 Gen1	PASS
15	CN_USB 1/2	PASS
16	CN_COM 1/2/3/4	PASS
17	HDMI	PASS
18	Display Port	PASS
19	LVDS	PASS
20	M2_E	PASS
21	M2_M A/B	PASS
22	PCIEX16	PASS

Jumper

Item	Description	Result
1	JRTC	PASS
2	JAT	PASS
3	JP1	PASS
4	JP2	PASS
5	JVLCD	PASS
6	JMSATA	PASS

1.2 BIOS function

Item	Description	Result	Remark
1	Press 'Del' to run Setup Utility	PASS	
2	Ctrl-Alt-Del – Soft-Reboot	PASS	
3	Save & Exit Setup	PASS	
4	Date & Time Setting	PASS	
5	Selection Language	PASS	
6	Quick Boot	PASS	
7	Diagnostic Splash Screen	PASS	
8	UEFI Boot	PASS	
9	Serial Port Configuration	PASS	
10	Fan Control	PASS	
11	SATA Controller(s)	PASS	
12	VBT Select	PASS	
13	EDID Panel Type	PASS	
14	LVDS Bus	PASS	
15	HD Audio	PASS	

Item	Description	Result	Remark
16	Restore On Power Loss	PASS	
17	Watch Dog Timer Selection	PASS	
18	Power On By RTC Alarm	PASS	
19	Supervisor Password	PASS	
20	User Password	PASS	
21	HDD Password	PASS	

1.3 Driver

CD edition : IPCI2-1.3

1. Windows 10 64 bit Driver Test

Item	Description	Result	Version
1	Chipset Driver	PASS	3.1.7.143
2	VGA Driver	PASS	31.0.1.4889
3	Audio Driver	PASS	6.0.1.8036
4	LAN Driver	PASS	I219LM:12.19.2.45 I225LM:1.1.3.28

2. Compatibility test

2.1 CPU Test

Test environment:

OS: Windows 10 64bit

Test program: BurnIn Test 8.1

Spec	CPU Speed	Family	Processor	TDP	Smart Cache	Result
Q1CV	3.40 GHz	Core	i3-13100	60 W	12 MB	PASS
Q1DJ	2.50 GHz	Core	i5-13400	65 W	20 MB	PASS
Q1DK	2.50 GHz	Core	i5-13500	65 W	24 MB	PASS
Q1EL	2.10 GHz	Core	i7-13700	65 W	24 MB	PASS
Q1EJ	2.00 GHz	Core	i9-13900	65 W	36 MB	PASS
Q1CU	2.50 GHz	Core	i3-13100T	35 W	12 MB	PASS
Q1DM	1.20 GHz	Core	i5-13500T	35 W	24 MB	PASS
Q1EM	1.00 GHz	Core	i7-13700T	35 W	30 MB	PASS
Q1N1	3.30 GHz	Core	i3-13100E	60 W	12 MB	PASS
Q1JE	2.42 GHz	Core	i5-13400E	65 W	20 MB	PASS
Q1M6	2.40 GHz	Core	i5-13500E	65 W	24 MB	PASS
Q1JC	1.90 GHz	Core	i7-13700E	65 W	30 MB	PASS
Q1JB	1.80 GHz	Core	i9-13900E	65 W	36 MB	PASS
Q1N3	2.40 GHz	Core	i3-13100TE	35 W	12 MB	PASS
Q1M8	1.30 GHz	Core	i5-13500TE	35 W	24 MB	PASS
Q1JD	1.10 GHz	Core	i7-13700TE	35 W	30 MB	PASS
Q1JA	1.00 GHz	Core	i9-13900TE	35 W	36 MB	PASS

2.2 Memory Test

Test environment:

OS: Windows 10 64bit

Test program : BurnIn 8.1

Manufacturer	Chip	Frequency	Capacity Mbytes	Memory test Result
innodisk M5S0-8GSYZCVP-K35	SEC 146 K4RAH16 5V8 BC0K	DDR5 4800	8 GB	PASS
Kingston KVR48S40BS8-16	Micro 2FA45 D8BNJ	DDR5 4800	16 GB	PASS
crucial CT16G48C40S5.M8A1	Micro 1YA45 DB8NJ	DDR5 4800	16 GB	PASS
ADATA AD5S480016G-S	Spectek PT010 TP	DDR5 4800	16 GB	PASS
acpi 7D5948BS-OHVA2BB01	SKhynix H5CG48AGBD	DDR5 4800	16 GB	PASS
innodisk M5S0-BGS2OCVP-K35	SEC 149 K4RAHDB 6V8 BCQK	DDR5 4800	32 GB	PASS

2.3 HDMI Graphic Quality Test

Test environment:

OS Windows 10 64bit

Driver version : 31.0.101.3887

Resolution	Bit depth	Result	Remark
800 x 600	8-bit	PASS	
1024 x 768	8-bit	PASS	
1152 x 864	8-bit	PASS	
1280 x 600	8-bit	PASS	
1280 x 720	8-bit	PASS	
1280 x 768	8-bit	PASS	
1280 x 800	8-bit	PASS	
1280 x 960	8-bit	PASS	
1280 x 1024	8-bit	PASS	
1360 x 768	8-bit	PASS	
1366 x 768	8-bit	PASS	
1400 x 1050	8-bit	PASS	
1440 x 900	8-bit	PASS	
1600 x 900	8-bit	PASS	
1600 x 1200	8-bit	PASS	
1680 x 1050	8-bit	PASS	
1792 x 1344	8-bit	PASS	
1856 x 1392	8-bit	PASS	
1920 x 1080	8-bit	PASS	
1920 x 1200	8-bit	PASS	
1920 x 1440	8-bit	PASS	

2048 x 1152	8-bit	PASS	
2048 x 1536	8-bit	PASS	
2560 x 1440	8-bit	PASS	
2560 x 1600	8-bit	PASS	
2560 x 1920	8-bit	PASS	
2560 x 2048	8-bit	PASS	
3840 x 2160	8-bit	PASS	

2.4 Display Port Graphic Quality Test

Test environment:

OS Windows 10 64bit

Driver version : 31.0.101.3887

Resolution	Bit depth	Result	Remark
800 x 600	8-bit	PASS	
1024 x 768	8-bit	PASS	
1152 x 864	8-bit	PASS	
1280 x 600	8-bit	PASS	
1280 x 720	8-bit	PASS	
1280 x 768	8-bit	PASS	
1280 x 800	8-bit	PASS	
1280 x 960	8-bit	PASS	
1280 x 1024	8-bit	PASS	
1360 x 768	8-bit	PASS	
1366 x 768	8-bit	PASS	
1400 x 1050	8-bit	PASS	

1440 x 900	8-bit	PASS	
1600 x 900	8-bit	PASS	
1600 x 1200	8-bit	PASS	
1680 x 1050	8-bit	PASS	
1792 x 1344	8-bit	PASS	
1856 x 1392	8-bit	PASS	
1920 x 1080	8-bit	PASS	
1920 x 1200	8-bit	PASS	
1920 x 1440	8-bit	PASS	
2048 x 1152	8-bit	PASS	
2048 x 1536	8-bit	PASS	
2560 x 1440	8-bit	PASS	
2560 x 1600	8-bit	PASS	
2560 x 1920	8-bit	PASS	
2560 x 2048	8-bit	PASS	
3840 x 2160	8-bit	PASS	

2.5 Audio

Test environment:

OS Windows 10 64-bit

Driver version : 6.0.1.8036

Item	Description	Result	Remark
1	2.1CH	PASS	
2	Microphone	PASS	

2.6 HDD Test

Test environment:

OS Windows 10 64bit

HDD Model	Interface	Capacity	HDD Size Detect	HDD Data Transfer	HDD LED Check
TOSHIBA DT01ACA200	HDD	2 TB	PASS	PASS	PASS
Western Digital WD20EFRX-68AX9N0	HDD	2 TB	PASS	PASS	PASS
Western Digital WD10EZEX-00WN4A0	HDD	1 TB	PASS	PASS	PASS
Western Digital WD3200AAKS-00B3A0	HDD	320 GB	PASS	PASS	PASS
Western Digital WD800BEVS-16VAT0	HDD	80 GB	PASS	PASS	PASS
ADATA SED2T-L	HDD	256 GB	PASS	PASS	PASS
Crucial CT120BX500SSD1	HDD	120 GB	PASS	PASS	PASS
acpi MSS4F-M	mSATA	64 GB	PASS	PASS	PASS
Kingston DT HyperX 3.0	USB 3.0	64 GB	PASS	PASS	PASS
Kingston DT Data Traveler	USB 3.0	32 GB	PASS	PASS	PASS
SMI USB	USB 2.0	8 GB	PASS	PASS	PASS
acpi M2PDD-8L	M.2 2280 SSD	1 TB	PASS	PASS	PASS
acpi M2SCQ-8L	M.2 2280 SSD	256 GB	PASS	PASS	PASS
acpi M2SCQ-8L	M.2 2280 SSD	128 GB	PASS	PASS	PASS

2.7 DVD-ROM Test

Test environment:

OS Windows 10 64bit

DVD-ROM Model	Interface	DVD-ROM Detect	DVD-ROM Data Transfer	Play DVD
LITEON iHES312	SATA	PASS	PASS	PASS
LG GH20NS15	SATA	PASS	PASS	PASS
PIONEER DVD DVR-S19LBK	SATA	PASS	PASS	PASS
ASUS DRW-1814BLT	SATA	PASS	PASS	PASS
TRANSCEND TS8XDVDS-K	USB	PASS	PASS	PASS
LITEON DVD eTAU108	USB	PASS	PASS	PASS
ZyNET DVD+RW GT32N	USB	PASS	PASS	PASS

2.8 USB Test

1. Windows 10 64-bit

Item	Result	Remark
External USB Keyboard Test	PASS	
External USB Mouse Test	PASS	
Hot plugging test	PASS	
DVD-ROM	PASS	
USB Mass storage	PASS	

2.9 Serial Port Test

1. Windows 10 64-bit

Item	Description	Result	Remark
1	Device Manager Check	PASS	
2	RS-232 Mouse Test	PASS	

2.10 LAN Test

Data Transfer Test environment:

-CAT 6 UTP 100M

-8 HR. continuous

1. Windows 10 64-bit

Item	Description	Result	Remark
1	Device Manager Check	PASS	
2	Data Transfer Test	PASS	

2.11 Power Supply Test

Item	Type	Description	Result	Remark
1	ATX Power	AcBel PC7008 430W	PASS	
2	ATX Power	SEED NS400 400W	PASS	
3	ATX Power	FSP HA550 550W	PASS	
4	ATX Power	Seasonic SS-520GB 520W	PASS	
5	ATX Power	Seasonic SS-330HB 330W	PASS	

2.12 OS Install

Item	Description	Result	Remark
1	Windows 10 64 bit	PASS	
2	Debian 11.5 (5.10.0-27-amd64)	PASS	

2.13 PCI Express Mini Card

Motherboard	PCI Express mini card	Result	Remark
LS-57A	MPX-M2EG+M2-210	PASS	
	MPX-M2EG+M2-225	PASS	
	MPX-M2EG+ M2-2213	PASS	
	MPX-210D	PASS	
	MPX-225	PASS	
	MPX-350	PASS	
	MPX-574D	PASS	

	MPX-574D2	PASS	
	MPX-827	PASS	
	MPX-2213	PASS	

2.14 M.2 card

Motherboard	M.2 card	Result	Remark
LS-57A	M2-210	PASS	
	M2-225	PASS	
	M2-2213	PASS	
	M2-3504	PASS	

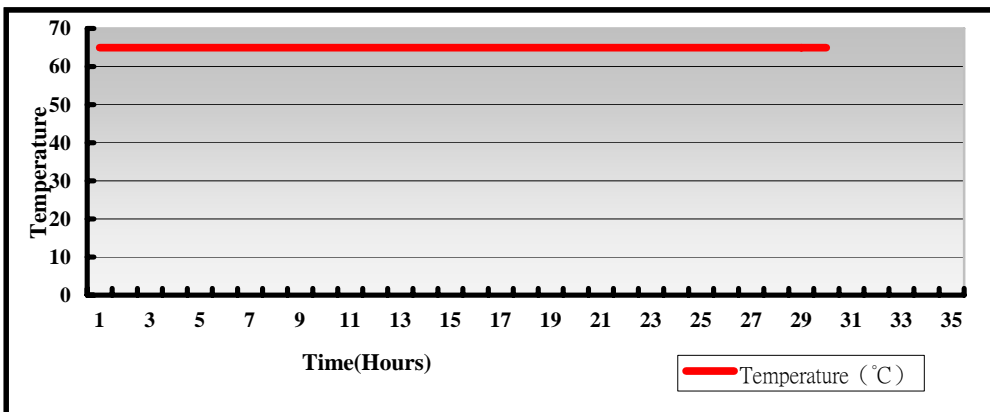
3. Environmental test

3.1 Temperature Test

Hardware Device list:

System Board	LS-57A_A
CPU	13th Gen Intel(R) Core(TM) i9-13900 2GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB
Operating OS	Windows 10 64bit
Test Equipment	GIANT FORCE GTH-150-60-SP-AR LCD-9530 Programmer/Controller
Test Program	BurnIn 8.1

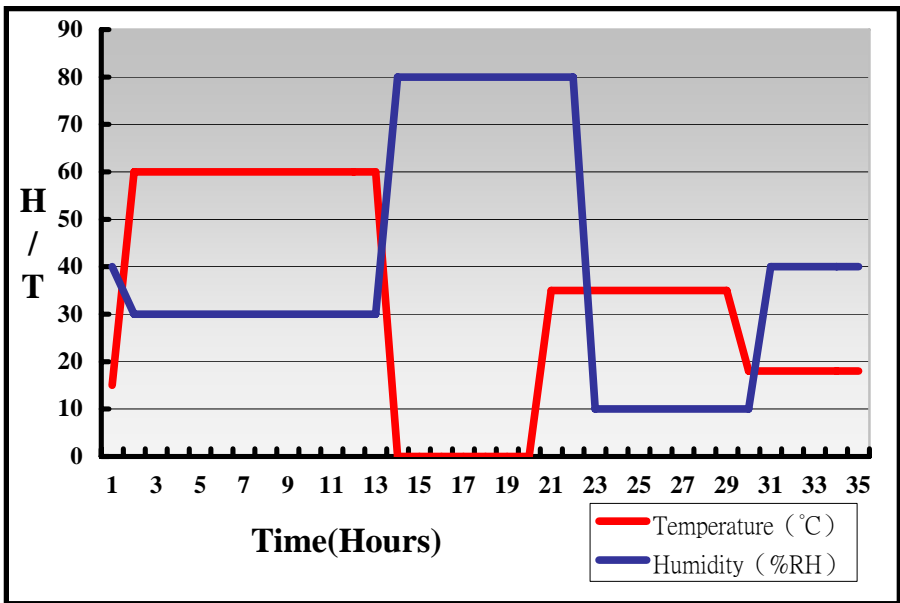
Test Result:



Hardware Device list:

System Board	LS-57A_A
CPU	13th Gen Intel(R) Core(TM) i9-13900 2GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB
Operating OS	Windows 10 64bit
Test Equipment	GIANT FORCE GTH-150-60-SP-AR LCD-9530 Programmer/Controller
Test Program	BurnIn 8.1

Test Result:



Boot up Test:

Hardware Device list:

System Board	LS-57A_A
CPU	13th Gen Intel(R) Core(TM) i9-13900 2GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Temperature	Result	Remark
-40°C	PASS	50 Times
80°C	PASS	50 Times

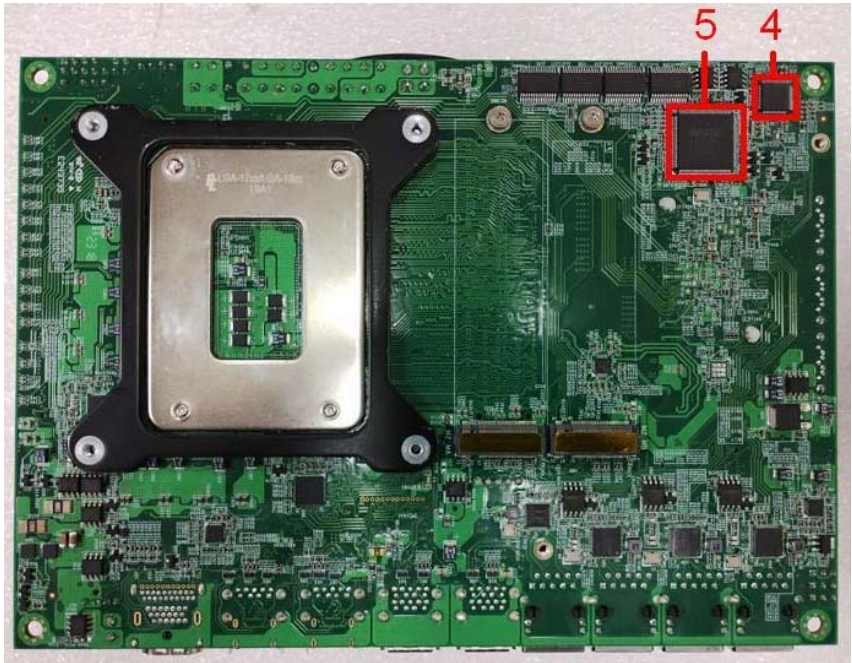
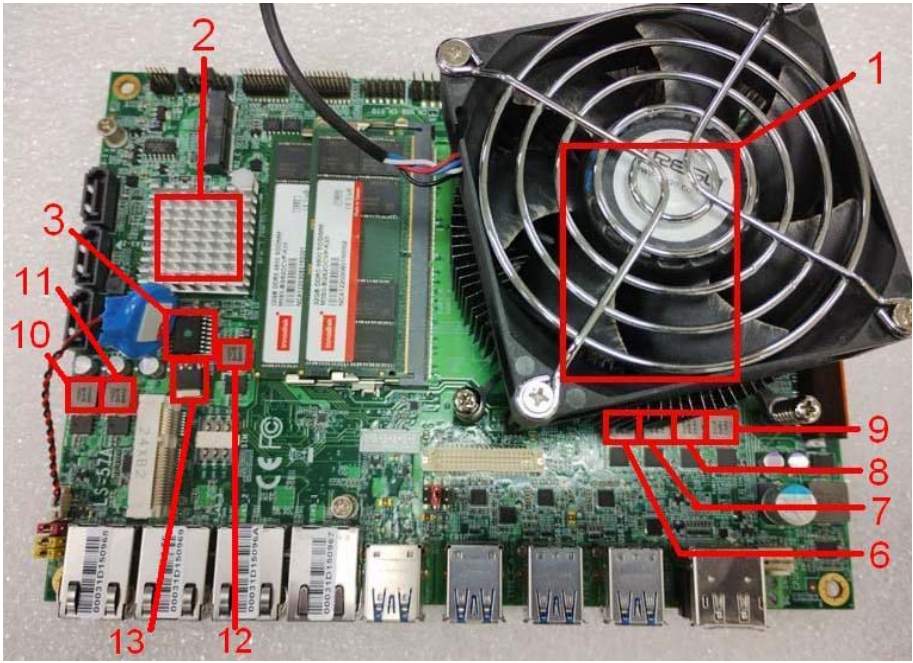
3.2 Thermal measurements at various points on the board

Test Environment:

CPU	13th Gen Intel(R) Core(TM) i9-13900 2GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB
Power Supply	AcBel PC7008 430W
Operating System	Windows 10 64-bit
Test Program	AIDA64 + BurnIn8.1

Test Result:

Item	Environmental temperature	27.5°C
1	CPU	80°C
2	PCH (ICHQ670E)	55.3°C
3	SPI (ICW25Q256JVFIQ)	46.7°C
4	U40 (ICHALC888S-VD2-GR)	53.8°C
5	U41 (ICNCT6126D)	46.2°C
6	L2 (LLC0.22UH/063T)	46.6°C
7	L3 (LLC0.22UH/063T)	53.8°C
8	L4 (LLC0.22UH/063T)	55°C
9	L5 (LLC0.22UH/063T)	55.3°C
10	L7 (LLC3.3UH/063T)	42.3°C
11	L8 (LLC3.3UH/063T)	42°C
12	L9 (LLC3.3UH/063T)	47.9°C
13	Q14 (TRE1084)	43.2°C



4. Reliability Test

4.1 Power Consumption Test

1. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i3-13100 3.42GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.69	32.28	4.46	53.52
5V	3.3	16.5	3.87	19.35
3.3V	0.31	1.023	0.31	1.023
5VSB	0.434	2.17	0.006	0.03

1.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5”LCD
----------------------	------------------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	3.88	46.56	5.24	62.88
5V	3.32	16.6	3.84	19.2
3.3V	1.22	4.026	1.22	4.026
5VSB	0.435	2.175	0.009	0.045

2. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i3-13100T 3.40GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.89	22.68	3.04	36.48
5V	3.45	17.25	4.03	20.15
3.3V	0.33	1.089	0.32	1.056
5VSB	0.43	2.15	0.006	0.03

2.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
---------------	-----------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	3	36	4.15	49.8
5V	3.4	17	3.87	19.35
3.3V	1.17	3.861	1.16	3.828
5VSB	0.435	1.945	0.012	0.06

3. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i3-13100E 3.3GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.17	26.04	2.31	27.72
5V	3.39	16.95	4	20
3.3V	0.4	13.2	0.34	1.122
5VSB	0.425	2.125	0.009	0.045

3.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
---------------	-----------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	3.19	38.28	4.82	57.84
5V	3.48	17.4	3.59	17.95
3.3V	1.26	4.158	1.44	4.752
5VSB	0.427	2.135	0.014	0.07

4. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i3-13100TE 3.3GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.13	25.56	3.28	39.36
5V	3.51	17.55	4.03	20.15
3.3V	0.41	1.353	0.22	0.726
5VSB	0.43	2.15	0.008	0.04

4.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
----------------------	------------------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.45	29.4	4.4	52.8
5V	3.47	17.35	4.14	20.7
3.3V	1.61	5.313	1.65	5.445
5VSB	0.428	2.14	0.007	0.035

5. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i5-13400 2.5GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.04	12.48	1.91	22.92
5V	3.65	18.25	3.85	19.25
3.3V	0.41	1.353	0.38	1.254
5VSB	0.42	2.1	0.016	0.08

5.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5”LCD
----------------------	------------------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.98	35.76	3.49	41.88
5V	3.54	17.7	3.96	19.8
3.3V	1.61	5.313	0.51	1.683
5VSB	0.447	2.235	0.009	0.045

6. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i5-13500 2.5GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD800BVES-16VTA0 80GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.75	21	2.16	25.92
5V	3.9	19.5	4.49	22.45
3.3V	0.4	1.32	0.4	1.32
5VSB	0.427	2.135	0.006	0.03

6.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
----------------------	------------------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.84	34.08	3.65	43.8
5V	3.85	19.25	4.74	23.7
3.3V	1.61	5.313	1.45	4.785
5VSB	0.433	2.165	0.015	0.075

7. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i5-13500T 2.5GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	0.98	11.76	1.84	22.08
5V	3.4	17	3.78	18.9
3.3V	0.4	1.32	0.42	1.386
5VSB	0.427	2.135	0.007	0.035

7.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
----------------------	------------------------------

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.33	27.96	3.31	39.72
5V	3.53	17.65	3.85	19.25
3.3V	1.57	5.181	1.45	4.785
5VSB	0.426	2.13	0.008	0.04

8. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i5-13500E 2.4GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.56	18.72	2.2	26.4
5V	3.58	17.9	3.98	19.9
3.3V	0.4	1.32	0.38	1.254
5VSB	0.437	2.185	0.013	0.065

8.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	2.72	32.64	3.54	42.48
5V	3.6	18	4.02	20.1
3.3V	1.58	5.214	0.44	1.452
5VSB	0.43	2.15	0.01	0.05

9. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i5-13400E 2.40GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.16	13.92	2.93	35.16
5V	3.95	19.75	3.93	19.65
3.3V	0.4	1.32	0.37	1.221
5VSB	0.451	2.555	0.004	0.02

9.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.52	18.24	4.4	52.8
5V	3.94	19.7	4.64	23.2
3.3V	0.58	1.914	0.54	1.782
5VSB	0.437	2.185	0.02	0.1

10. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i5-13500TE 1.3GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	3.5	42	3.73	44.76
5V	3.6	18	3.91	19.55
3.3V	0.39	1.287	0.35	1.155
5VSB	0.433	2.165	0.006	0.03

10.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M215HW03 21.5"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	4.21	50.52	4.96	59.52
5V	3.69	18.45	4.6	23
3.3V	0.51	1.683	0.51	2.55
5VSB	0.412	2.06	0.005	0.025

11. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i7-13700 2.11GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.1	13.2	1.84	22.08
5V	3.76	18.8	3.65	18.25
3.3V	0.4	1.32	0.38	1.254
5VSB	0.427	2.135	0.011	0.055

11.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	1.71	20.52	2.73	32.76
5V	3.77	18.85	4.71	23.55
3.3V	0.58	1.914	0.57	1.881
5VSB	0.433	2.165	0.016	0.08

12. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i7-13700T 1.4GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	0.91	10.92	1.58	18.96
5V	3.81	19.05	3.98	19.9
3.3V	0.4	1.32	0.37	1.221
5VSB	0.434	2.17	0.007	0.035

12.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	5.41	64.92	6.86	82.32
5V	3.74	18.7	4.83	24.15
3.3V	0.54	1.782	0.52	1.716
5VSB	0.436	2.18	0.013	0.065

13. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i7-13700E 1.8GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	5.62	67.44	6.84	82.08
5V	3.83	19.15	4.04	20.2
3.3V	0.4	1.32	0.35	1.155
5VSB	0.421	2.105	0.016	0.08

13.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	6.56	78.72	8.25	99
5V	3.83	19.15	4.69	23.45
3.3V	0.56	1.848	0.5	1.65
5VSB	0.423	2.115	0.009	0.045

14. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i7-13700TE 1GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	5.26	63.12	6.11	73.32
5V	3.78	18.9	3.8	19
3.3V	0.39	1.287	0.45	1.485
5VSB	0.408	2.04	0.006	0.03

14.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	6.36	76.32	6.55	78.6
5V	3.78	18.9	4.12	20.6
3.3V	0.49	1.617	0.54	1.782
5VSB	0.412	2.06	0.005	0.025

15. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i9-13900 5.6GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	7.86	94.32	8.6	103.2
5V	3.85	19.25	3.82	19.1
3.3V	0.43	1.419	0.41	1.353
5VSB	0.426	2.13	0.01	0.05

15.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	9.35	112.2	11.28	135.36
5V	3.87	19.35	4.22	21.1
3.3V	0.57	1.881	1.49	4.917
5VSB	0.429	2.145	0.007	0.035

16. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i9-13900E 1.8GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	6.81	81.72	9.48	113.76
5V	3.78	18.9	3.56	17.8
3.3V	0.39	1.287	0.37	1.221
5VSB	0.429	2.145	0.017	0.085

16.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	7.65	91.8	11.15	133.8
5V	3.75	18.75	4.44	22.2
3.3V	0.51	1.683	0.5	1.65
5VSB	0.432	2.16	0.014	0.07

17. Test Environment:

Motherboard	LS-57A_A
CPU	Intel® Core™ i9-13900TE 1GHz
Memory	innodisk DDR5 4800 32GB*2 (SEC 149 K4RAHDB 6V8 BCQK)
HDD	Western Digital WD3200AAKS-00B3A0 320GB

Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	5.12	61.44	5.63	67.56
5V	3.74	18.7	3.78	18.9
3.3V	0.39	1.287	0.34	1.7
5VSB	0.412	2.06	0.005	0.025

17.a. Test Environment:

The same as above but with LCD panel

Display Panel	AUO M17EG01 17"LCD
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Power Supply : AcBel PC7008 430W

Voltage	UEFI Boot up		Windows 10 64bit BurnIn 8.1 (15min)	
	Current (A)	Power (W)	Current (A)	Power (W)
12V	4.89	58.68	6.47	77.64
5V	3.62	18.1	4.23	21.15
3.3V	0.52	1.716	0.49	1.617
5VSB	0.409	2.045	0.007	0.035

5. Performance Test

5.1 3D MARK VANTAGE

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100 3.4GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P2633
2	GPU SCORE		PASS	2009
3	CPU SCORE		PASS	39127

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100 3.4GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P2785
2	GPU SCORE		PASS	2123
3	CPU SCORE		PASS	42936

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100 3.4GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2759
2	GPU SCORE		PASS	2103
3	CPU SCORE		PASS	42777

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100 3.4GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2765
2	GPU SCORE		PASS	2108
3	CPU SCORE		PASS	42773

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100 3.4GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P2752
2	GPU SCORE		PASS	2098
3	CPU SCORE		PASS	42783

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100 3.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P2636
2	GPU SCORE		PASS	2008
3	CPU SCORE		PASS	42601

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P2676
2	GPU SCORE		PASS	2042
3	CPU SCORE		PASS	39053

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100T 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P2767
2	GPU SCORE		PASS	2113
3	CPU SCORE		PASS	38949

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100T 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2682
2	GPU SCORE		PASS	2046
3	CPU SCORE		PASS	38934

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100T 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2661
2	GPU SCORE		PASS	2030
3	CPU SCORE		PASS	38965

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P3817
2	GPU SCORE		PASS	2916
3	CPU SCORE		PASS	51661

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P2700
2	GPU SCORE		PASS	2061
3	CPU SCORE		PASS	38163

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100TE 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P2726
2	GPU SCORE		PASS	2082
3	CPU SCORE		PASS	38327

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100TE 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2728
2	GPU SCORE		PASS	2083
3	CPU SCORE		PASS	38155

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100TE 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2732
2	GPU SCORE		PASS	2086
3	CPU SCORE		PASS	38865

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P2734
2	GPU SCORE		PASS	2088
3	CPU SCORE		PASS	38347

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P2751
2	GPU SCORE		PASS	2098
3	CPU SCORE		PASS	41903

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100E 3.3GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P2762
2	GPU SCORE		PASS	2106
3	CPU SCORE		PASS	41940

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100E 3.3GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2759
2	GPU SCORE		PASS	2104
3	CPU SCORE		PASS	41983

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100E 3.3GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P2752
2	GPU SCORE		PASS	2098
3	CPU SCORE		PASS	42189

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P2764
2	GPU SCORE		PASS	2108
3	CPU SCORE		PASS	41347

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK SCORE	Intel(R) Core(TM) i3-13100E 3.30GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P2666
2	GPU SCORE		PASS	2032
3	CPU SCORE		PASS	41500

5.2 3D MARK 11

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100 3.4GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1399
2	Graphics Score		PASS	1144
3	Physics Score		PASS	14793
4	Combined Score		PASS	1124

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100 3.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1351
2	Graphics Score		PASS	1104
3	Physics Score		PASS	15090
4	Combined Score		PASS	1078

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P740
2	Graphics Score		PASS	616
3	Physics Score		PASS	13422
4	Combined Score		PASS	820

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100T 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1024
2	Graphics Score		PASS	838
3	Physics Score		PASS	10746
4	Combined Score		PASS	820

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100T 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P766
2	Graphics Score		PASS	638
3	Physics Score		PASS	14140
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100TE 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1377
2	Graphics Score		PASS	1125
3	Physics Score		PASS	13901
4	Combined Score		PASS	1118

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100TE 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P757
2	Graphics Score		PASS	630
3	Physics Score		PASS	13190
4	Combined Score		PASS	845

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1400
2	Graphics Score		PASS	1146
3	Physics Score		PASS	14281
4	Combined Score		PASS	1120

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P764
2	Graphics Score		PASS	636
3	Physics Score		PASS	14283
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100E 3.3GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1396
2	Graphics Score		PASS	1141
3	Physics Score		PASS	14597
4	Combined Score		PASS	1125

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100E 3.3GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P767
2	Graphics Score		PASS	638
3	Physics Score		PASS	14705
4	Combined Score		PASS	848

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1400
2	Graphics Score		PASS	1144
3	Physics Score		PASS	15105
4	Combined Score		PASS	1125

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1204
2	Graphics Score		PASS	978
3	Physics Score		PASS	15035
4	Combined Score		PASS	986

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1526
2	Graphics Score		PASS	1261
3	Physics Score		PASS	18901
4	Combined Score		PASS	1116

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	E1541
2	Graphics Score		PASS	1276
3	Physics Score		PASS	18875
4	Combined Score		PASS	1116

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	E1542
2	Graphics Score		PASS	1276
3	Physics Score		PASS	18948
4	Combined Score		PASS	1120

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1374
2	Graphics Score		PASS	1121
3	Physics Score		PASS	15836
4	Combined Score		PASS	1105

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P849
2	Graphics Score		PASS	719
3	Physics Score		PASS	8781
4	Combined Score		PASS	855

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	E1351
2	Graphics Score		PASS	1100
3	Physics Score		PASS	18471
4	Combined Score		PASS	1080

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P744
2	Graphics Score		PASS	618
3	Physics Score		PASS	18527
4	Combined Score		PASS	818

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P743
2	Graphics Score		PASS	617
3	Physics Score		PASS	18950
4	Combined Score		PASS	819

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1374
2	Graphics Score		PASS	1121
3	Physics Score		PASS	15836
4	Combined Score		PASS	1105

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P717
2	Graphics Score		PASS	601
3	Physics Score		PASS	6091
4	Combined Score		PASS	826

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	E1525
2	Graphics Score		PASS	1265
3	Physics Score		PASS	15963
4	Combined Score		PASS	1113

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P860
2	Graphics Score		PASS	725
3	Physics SCORE		PASS	15455
4	Combined SCORE		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1024
2	Graphics Score		PASS	838
3	Physics Score		PASS	10746
4	Combined Score		PASS	820

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P766
2	Graphics Score		PASS	638
3	Physics Score		PASS	14140
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	E1524
2	Graphics Score		PASS	1264
3	Physics Score		PASS	16260
4	Combined Score		PASS	1115

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P859
2	Graphics Score		PASS	724
3	Physics Score		PASS	16949
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P859
2	Graphics Score		PASS	723
3	Physics Score		PASS	18606
4	Combined Score		PASS	848

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1528
2	Graphics Score		PASS	1266
3	Physics Score		PASS	16789
4	Combined Score		PASS	1116

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P861
2	Graphics Score		PASS	725
3	Physics Score		PASS	16902
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1397
2	Graphics Score		PASS	1175
3	Physics Score		PASS	6768
4	Combined Score		PASS	1110

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P848
2	Graphics Score		PASS	721
3	Physics Score		PASS	6863
4	Combined Score		PASS	854

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	E1526
2	Graphics Score		PASS	1264
3	Physics Score		PASS	17419
4	Combined Score		PASS	1115

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P861
2	Graphics Score		PASS	725
3	Physics Score		PASS	17584
4	Combined Score		PASS	848

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1531
2	Graphics Score		PASS	1266
3	Physics Score		PASS	18993
4	Combined Score		PASS	1117

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P865
2	Graphics Score		PASS	728
3	Physics Score		PASS	18969
4	Combined Score		PASS	849

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P862
2	Graphics Score		PASS	726
3	Physics Score		PASS	18960
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1530
2	Graphics Score		PASS	1265
3	Physics Score		PASS	18979
4	Combined Score		PASS	1118

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P860
2	Graphics Score		PASS	724
3	Physics Score		PASS	18995
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	E1326
2	Graphics Score		PASS	1078
3	Physics Score		PASS	17294
4	Combined Score		PASS	1074

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P742
2	Graphics Score		PASS	617
3	Physics Score		PASS	17278
4	Combined Score		PASS	818

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	E1340
2	Graphics Score		PASS	1090
3	Physics Score		PASS	18918
4	Combined Score		PASS	1075

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P750
2	Graphics Score		PASS	624
3	Physics Score		PASS	18952
4	Combined Score		PASS	821

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1338
2	Graphics Score		PASS	1088
3	Physics Score		PASS	18620
4	Combined Score		PASS	1077

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P746
2	Graphics Score		PASS	620
3	Physics Score		PASS	18473
4	Combined Score		PASS	822

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1295
2	Graphics Score		PASS	1092
3	Physics Score		PASS	5311
4	Combined Score		PASS	1071

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P731
2	Graphics Score		PASS	616
3	Physics Score		PASS	5380
4	Combined Score		PASS	816

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	X227
2	Graphics Score		PASS	199
3	Physics Score		PASS	5360
4	Combined Score		PASS	275

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500TE 1.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1530
2	Graphics Score		PASS	1264
3	Physics Score		PASS	20697
4	Combined Score		PASS	1111

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i5-13500TE 1.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P855
2	Graphics Score		PASS	718
3	Physics Score		PASS	20681
4	Combined Score		PASS	855

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.11GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	E1511
2	Graphics Score		PASS	1248
3	Physics Score		PASS	18916
4	Combined Score		PASS	1111

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.11GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P849
2	Graphics Score		PASS	714
3	Physics Score		PASS	18952
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.11GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1523
2	Graphics Score		PASS	1259
3	Physics Score		PASS	18940
4	Combined Score		PASS	1111

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.11GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P851
2	Graphics Score		PASS	715
3	Physics Score		PASS	18942
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.11GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	E1522
2	Graphics Score		PASS	1258
3	Physics Score		PASS	18924
4	Combined Score		PASS	1114

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.11GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	P848
2	Graphics Score		PASS	713
3	Physics Score		PASS	18936
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1479
2	Graphics Score		PASS	1268
3	Physics Score		PASS	5927
4	Combined Score		PASS	1109

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700 2.1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P851
2	Graphics Score		PASS	717
3	Physics Score		PASS	13654
4	Combined Score		PASS	852

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	E1521
2	Graphics Score		PASS	1259
3	Physics Score		PASS	17674
4	Combined Score		PASS	1111

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P849
2	Graphics Score		PASS	714
3	Physics Score		PASS	17589
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1526
2	Graphics Score		PASS	1263
3	Physics Score		PASS	18126
4	Combined Score		PASS	1115

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P859
2	Graphics Score		PASS	723
3	Physics Score		PASS	18208
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1544
2	Graphics Score		PASS	1278
3	Physics Score		PASS	19687
4	Combined Score		PASS	1119

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P869
2	Graphics Score		PASS	731
3	Physics Score		PASS	19757
4	Combined Score		PASS	859

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1548
2	Graphics Score		PASS	1279
3	Physics Score		PASS	21825
4	Combined Score		PASS	1121

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P869
2	Graphics Score		PASS	730
3	Physics Score		PASS	22015
4	Combined Score		PASS	860

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1495
2	Graphics Score		PASS	1257
3	Physics Score		PASS	9677
4	Combined Score		PASS	1100

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P812
2	Graphics Score		PASS	689
3	Physics Score		PASS	6208
4	Combined Score		PASS	848

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	X252
2	Graphics Score		PASS	221
3	Physics Score		PASS	9567
4	Combined Score		PASS	300

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P859
2	Graphics Score		PASS	723
3	Physics Score		PASS	18964
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	P859
2	Graphics Score		PASS	723
3	Physics Score		PASS	18977
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	E1527
2	Graphics Score		PASS	1263
3	Physics Score		PASS	18973
4	Combined Score		PASS	1114

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	P858
2	Graphics Score		PASS	722
3	Physics Score		PASS	18973
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1526
2	Graphics Score		PASS	1262
3	Physics Score		PASS	18975
4	Combined Score		PASS	1113

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P858
2	Graphics Score		PASS	722
3	Physics Score		PASS	18948
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1532
2	Graphics Score		PASS	1265
3	Physics Score		PASS	22296
4	Combined Score		PASS	1110

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P854
2	Graphics Score		PASS	717
3	Physics Score		PASS	22199
4	Combined Score		PASS	855

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1530
2	Graphics Score		PASS	1265
3	Physics Score		PASS	18330
4	Combined Score		PASS	1120

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i7-13700TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P861
2	Graphics Score		PASS	724
3	Physics Score		PASS	18732
4	Combined Score		PASS	859

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	E1518
2	Graphics Score		PASS	1254
3	Physics Score		PASS	18968
4	Combined Score		PASS	1112

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	P855
2	Graphics Score		PASS	719
3	Physics Score		PASS	18956
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900 2GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	E1517
2	Graphics Score		PASS	1254
3	Physics Score		PASS	18968
4	Combined Score		PASS	1111

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	E1517
2	Graphics Score		PASS	1253
3	Physics Score		PASS	18954
4	Combined Score		PASS	1112

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1518
2	Graphics Score		PASS	1253
3	Physics Score		PASS	21443
4	Combined Score		PASS	1102

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P849
2	Graphics Score		PASS	712
3	Physics Score		PASS	21506
4	Combined Score		PASS	851

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 2GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P854
2	Graphics Score		PASS	718
3	Physics Score		PASS	18948
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	E1517
2	Graphics Score		PASS	1253
3	Physics Score		PASS	18942
4	Combined Score		PASS	1112

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	P855
2	Graphics Score		PASS	719
3	Physics Score		PASS	18948
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	E1517
2	Graphics Score		PASS	1254
3	Physics Score		PASS	18956
4	Combined Score		PASS	1109

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	P855
2	Graphics Score		PASS	719
3	Physics Score		PASS	18960
4	Combined Score		PASS	846

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	E1518
2	Graphics Score		PASS	1254
3	Physics Score		PASS	18907
4	Combined Score		PASS	1112

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	P854
2	Graphics Score		PASS	718
3	Physics Score		PASS	18942
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	P855
2	Graphics Score		PASS	719
3	Physics Score		PASS	18948
4	Combined Score		PASS	847

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1513
2	Graphics Score		PASS	1249
3	Physics Score		PASS	21481
4	Combined Score		PASS	1098

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P850
2	Graphics Score		PASS	713
3	Physics Score		PASS	21167
4	Combined Score		PASS	853

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	E1529
2	Graphics Score		PASS	1259
3	Physics Score		PASS	23217
4	Combined Score		PASS	1119

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	3DMARK Score	Intel(R) Core(TM) i9-13900TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 Western Digital WD3200AAKS-00B3A0 320 GB	PASS	P858
2	Graphics Score		PASS	720
3	Physics Score		PASS	23580
4	Combined Score		PASS	861

5.3 PC MARK10

Test Environment
Intel(R) Core(TM) i3-13100 3.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3121
2	Essentials	PASS	6588
3	Productivity	PASS	5997
4	Digital Content Creation	PASS	2090

Test Environment
Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	2945
2	Essentials	PASS	6137
3	Productivity	PASS	5335
4	Digital Content Creation	PASS	2118

Test Environment
Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3054
2	Essentials	PASS	6370
3	Productivity	PASS	5532
4	Digital Content Creation	PASS	2194

Test Environment
Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	1797
2	Essentials	PASS	3918
3	Productivity	PASS	2682
4	Digital Content Creation	PASS	1501

Test Environment
Intel(R) Core(TM) i5-13500E 2.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	1742
2	Essentials	PASS	4146
3	Productivity	PASS	2458
4	Digital Content Creation	PASS	1409

Test Environment
Intel(R) Core(TM) i5-13400E 2.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	1605
2	Essentials	PASS	4082
3	Productivity	PASS	2554
4	Digital Content Creation	PASS	1078

Test Environment
Intel(R) Core(TM) i5-13500TE 1.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	2975
2	Essentials	PASS	6156
3	Productivity	PASS	5048
4	Digital Content Creation	PASS	2301

Test Environment
Intel(R) Core(TM) i7-13700 2.1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	1881
2	Essentials	PASS	4395
3	Productivity	PASS	2687
4	Digital Content Creation	PASS	1530

Test Environment
Intel(R) Core(TM) i7-13700T 1.4GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3255
2	Essentials	PASS	6825
3	Productivity	PASS	5662
4	Digital Content Creation	PASS	2423

Test Environment
Intel(R) Core(TM) i7-13700T 1.4GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3225
2	Essentials	PASS	6740
3	Productivity	PASS	5618
4	Digital Content Creation	PASS	2405

Test Environment
Intel(R) Core(TM) i7-13700T 1.4GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3247
2	Essentials	PASS	6830
3	Productivity	PASS	5618
4	Digital Content Creation	PASS	2422

Test Environment
Intel(R) Core(TM) i7-13700T 1.4GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3520
2	Essentials	PASS	6669
3	Productivity	PASS	5741
4	Digital Content Creation	PASS	2434

Test Environment
Intel(R) Core(TM) i7-13700E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3360
2	Essentials	PASS	6784
3	Productivity	PASS	5915
4	Digital Content Creation	PASS	2567

Test Environment
Intel(R) Core(TM) i7-13700TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3220
2	Essentials	PASS	6558
3	Productivity	PASS	5561
4	Digital Content Creation	PASS	2485

Test Environment
Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3561
2	Essentials	PASS	7228
3	Productivity	PASS	6012
4	Digital Content Creation	PASS	2821

Test Environment
Intel(R) Core(TM) i9-13900E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3526
2	Essentials	PASS	7069
3	Productivity	PASS	5992
4	Digital Content Creation	PASS	2811

Test Environment
Intel(R) Core(TM) i9-13900E 1.8GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3526
2	Essentials	PASS	7069
3	Productivity	PASS	5992
4	Digital Content Creation	PASS	2811

Test Environment
Intel(R) Core(TM) i9-13900TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB

Windows 10 64-bit

Item	Weighted Suite	Result	Remark
1	PCMark Scores	PASS	3197
2	Essentials	PASS	6343
3	Productivity	PASS	5149
4	Digital Content Creation	PASS	2717

5.4 CINEBENCH R23

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100 3.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	8300 pts
2	CPU (Single Core)		PASS	1686 pts
3	MP Ratio		PASS	4.92 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100 3.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	8245 pts
2	CPU (Single Core)		PASS	1680 pts
3	MP Ratio		PASS	4.91 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100 3.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	8319 pts
2	CPU (Single Core)		PASS	1684 pts
3	MP Ratio		PASS	4.94 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100 3.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	8282 pts
2	CPU (Single Core)		PASS	1686 pts
3	MP Ratio		PASS	4.91 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100 3.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	8186 pts
2	CPU (Single Core)		PASS	1689 pts
3	MP Ratio		PASS	4.85 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100 3.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	6092 pts
2	CPU (Single Core)		PASS	1666 pts
3	MP Ratio		PASS	3.66 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	6800 pts
2	CPU (Single Core)		PASS	1526 pts
3	MP Ratio		PASS	4.46 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100T 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	6058 pts
2	CPU (Single Core)		PASS	1199 pts
3	MP Ratio		PASS	5.05 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100T 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	6750 pts
2	CPU (Single Core)		PASS	1530 pts
3	MP Ratio		PASS	4.41 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100T 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	6750 pts
2	CPU (Single Core)		PASS	1527 pts
3	MP Ratio		PASS	4.42 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	6800 pts
2	CPU (Single Core)		PASS	1526 pts
3	MP Ratio		PASS	4.46 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100T 2.50GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	6596 pts
2	CPU (Single Core)		PASS	1479 pts
3	MP Ratio		PASS	4.46 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	6588 pts
2	CPU (Single Core)		PASS	1491 pts
3	MP Ratio		PASS	4.42 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100TE 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	6630 pts
2	CPU (Single Core)		PASS	1491 pts
3	MP Ratio		PASS	4.45 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100TE 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	6627 pts
2	CPU (Single Core)		PASS	1489 pts
3	MP Ratio		PASS	4.45 X

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100TE 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	6614 pts
2	CPU (Single Core)		PASS	1492 pts
3	MP Ratio		PASS	4.43 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	6625 pts
2	CPU (Single Core)		PASS	1487 pts
3	MP Ratio		PASS	4.46 X

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	8609 pts
2	CPU (Single Core)		PASS	1647 pts
3	MP Ratio		PASS	5.23 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100E 3.3GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	8616 pts
2	CPU (Single Core)		PASS	1646 pts
3	MP Ratio		PASS	5.24 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100E 3.3GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	8636 pts
2	CPU (Single Core)		PASS	1646 pts
3	MP Ratio		PASS	5.25 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100E 3.3GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	8642 pts
2	CPU (Single Core)		PASS	1646 pts
3	MP Ratio		PASS	5.25 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	8584 pts
2	CPU (Single Core)		PASS	1638 pts
3	MP Ratio		PASS	5.24 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	8416 pts
2	CPU (Single Core)		PASS	1641 pts
3	MP Ratio		PASS	5.13 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	15444 pts
2	CPU (Single Core)		PASS	977 pts
3	MP Ratio		PASS	15.80 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	15475 pts
2	CPU (Single Core)		PASS	1021 pts
3	MP Ratio		PASS	15.15 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	15368 pts
2	CPU (Single Core)		PASS	987 pts
3	MP Ratio		PASS	15.57 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	15142 pts
2	CPU (Single Core)		PASS	1022 pts
3	MP Ratio		PASS	14.82 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	15445 pts
2	CPU (Single Core)		PASS	980 pts
3	MP Ratio		PASS	15.76 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	6084 pts
2	CPU (Single Core)		PASS	974 pts
3	MP Ratio		PASS	6.25 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	13429 pts
2	CPU (Single Core)		PASS	1217 pts
3	MP Ratio		PASS	11.03 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	13485 pts
2	CPU (Single Core)		PASS	1016 pts
3	MP Ratio		PASS	13.27 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	13408 pts
2	CPU (Single Core)		PASS	1007 pts
3	MP Ratio		PASS	13.32 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400 2.50GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	13442 pts
2	CPU (Single Core)		PASS	1101 pts
3	MP Ratio		PASS	12.20 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400 2.5GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	13425 pts
2	CPU (Single Core)		PASS	1107 pts
3	MP Ratio		PASS	12.13 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	9570 pts
2	CPU (Single Core)		PASS	964 pts
3	MP Ratio		PASS	9.92 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	10341 pts
2	CPU (Single Core)		PASS	772 pts
3	MP Ratio		PASS	13.40 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500T 1.61GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	10415 pts
2	CPU (Single Core)		PASS	787 pts
3	MP Ratio		PASS	13.23 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	10389 pts
2	CPU (Single Core)		PASS	742 pts
3	MP Ratio		PASS	14.00 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	10279 pts
2	CPU (Single Core)		PASS	729 pts
3	MP Ratio		PASS	14.09 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500T 1.61GHz	PASS	10264 pts
2	CPU (Single Core)	innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	756 pts
3	MP Ratio	TOSHIBA DT01ACA200 2TB	PASS	13.58 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500T 1.62GHz	PASS	4317 pts
2	CPU (Single Core)	innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	625 pts
3	MP Ratio	Western Digital WD3200AAKS-00B3A0 320 GB	PASS	6.91 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500E 2.42GHz	PASS	15686 pts
2	CPU (Single Core)	innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K)	PASS	945 pts
3	MP Ratio	TOSHIBA DT01ACA200 2TB	PASS	16.60 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	15704 pts
2	CPU (Single Core)		PASS	980 pts
3	MP Ratio		PASS	16.03 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500E 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	15676 pts
2	CPU (Single Core)		PASS	950 pts
3	MP Ratio		PASS	16.50 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	15601 pts
2	CPU (Single Core)		PASS	982 pts
3	MP Ratio		PASS	15.88 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	15649 pts
2	CPU (Single Core)		PASS	981 pts
3	MP Ratio		TOSHIBA DT01ACA200 2TB	PASS

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	5728 pts
2	CPU (Single Core)		PASS	933 pts
3	MP Ratio		Western Digital WD3200AAKS-00B3A0 320 GB	PASS

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K)	PASS	14007 pts
2	CPU (Single Core)		PASS	1101 pts
3	MP Ratio		TOSHIBA DT01ACA200 2TB	PASS

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	14005 pts
2	CPU (Single Core)		PASS	1186 pts
3	MP Ratio		PASS	11.84 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400E 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	13964 pts
2	CPU (Single Core)		PASS	1240 pts
3	MP Ratio		PASS	11.26 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	13941 pts
2	CPU (Single Core)		PASS	1120 pts
3	MP Ratio		PASS	12.44 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	13962 pts
2	CPU (Single Core)		PASS	1284 pts
3	MP Ratio		TOSHIBA DT01ACA200 2TB	PASS

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i5-13500TE 1.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	10433 pts
2	CPU (Single Core)		PASS	1267 pts
3	MP Ratio		Western Digital WD3200AAKS-00B3A0 320 GB	PASS

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K)	PASS	18362 pts
2	CPU (Single Core)		PASS	1180 pts
3	MP Ratio		TOSHIBA DT01ACA200 2TB	PASS

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	18365 pts
2	CPU (Single Core)		PASS	1142 pts
3	MP Ratio		PASS	16.08 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	18304 pts
2	CPU (Single Core)		PASS	1198 pts
3	MP Ratio		PASS	15.27 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	18352 pts
2	CPU (Single Core)		PASS	1154 pts
3	MP Ratio		PASS	15.91 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	18384 pts
2	CPU (Single Core)		PASS	1213 pts
3	MP Ratio		PASS	15.16 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	18429 pts
2	CPU (Single Core)		PASS	1183 pts
3	MP Ratio		PASS	15.57 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.11GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	18340 pts
2	CPU (Single Core)		PASS	1160 pts
3	MP Ratio		PASS	15.81 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700 2.12GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	4009 pts
2	CPU (Single Core)		PASS	825 pts
3	MP Ratio		PASS	4.86 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	12827 pts
2	CPU (Single Core)		PASS	1419 pts
3	MP Ratio		PASS	9.04 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	12835 pts
2	CPU (Single Core)		PASS	992 pts
3	MP Ratio		PASS	12.04 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	12790 pts
2	CPU (Single Core)		PASS	994 pts
3	MP Ratio		PASS	12.86 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	12712 pts
2	CPU (Single Core)		PASS	972 pts
3	MP Ratio		PASS	13.08 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	12373 pts
2	CPU (Single Core)		PASS	1656 pts
3	MP Ratio		PASS	7.47 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	12412 pts
2	CPU (Single Core)		PASS	1656 pts
3	MP Ratio		PASS	7.50 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	12765 pts
2	CPU (Single Core)		PASS	986 pts
3	MP Ratio		PASS	12.95 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700T 1.38GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	12441 pts
2	CPU (Single Core)		PASS	1656 pts
3	MP Ratio		PASS	7.51 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700E 1.81GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	17758 pts
2	CPU (Single Core)		PASS	1103 pts
3	MP Ratio		PASS	16.10 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700E 1.81GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	17905 pts
2	CPU (Single Core)		PASS	1124 pts
3	MP Ratio		PASS	15.93 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700E 1.81GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	17853 pts
2	CPU (Single Core)		PASS	1100 pts
3	MP Ratio		PASS	16.23 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700E 1.81GHz	PASS	16924 pts
2	CPU (Single Core)	innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	1846 pts
3	MP Ratio	Western Digital WD3200AAKS-00B3A0 320 GB	PASS	9.17 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i7-13700TE 1.00GHz	PASS	12033 pts
2	CPU (Single Core)	innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	1573 pts
3	MP Ratio	Western Digital WD3200AAKS-00B3A0 320 GB	PASS	7.65 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900 2GHz	PASS	20985 pts
2	CPU (Single Core)	Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ)	PASS	1069 pts
3	MP Ratio	TOSHIBA DT01ACA200 2TB	PASS	19.64 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900 2GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	21103 pts
2	CPU (Single Core)		PASS	1074 pts
3	MP Ratio		PASS	19.64 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900 2GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	21030 pts
2	CPU (Single Core)		PASS	1069 pts
3	MP Ratio		PASS	19.68 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	20661 pts
2	CPU (Single Core)		PASS	1139 pts
3	MP Ratio		PASS	18.13 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	20618 pts
2	CPU (Single Core)		PASS	1888 pts
3	MP Ratio		PASS	10.92 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900E 1.81GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	21318 pts
2	CPU (Single Core)		PASS	1122 pts
3	MP Ratio		PASS	18.99 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900E 1.81GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	21283 pts
2	CPU (Single Core)		PASS	1108 pts
3	MP Ratio		PASS	19.21 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900E 1.81GHz	PASS	21337 pts
2	CPU (Single Core)	ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP)	PASS	1100 pts
3	MP Ratio	TOSHIBA DT01ACA200 2TB	PASS	19.39 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900E 1.81GHz	PASS	21274 pts
2	CPU (Single Core)	innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	1106 pts
3	MP Ratio	TOSHIBA DT01ACA200 2TB	PASS	19.23 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900E 1.81GHz	PASS	20643 pts
2	CPU (Single Core)	innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK)	PASS	1880 pts
3	MP Ratio	Western Digital WD3200AAKS-00B3A0 320 GB	PASS	10.98 x

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	CPU (Multi Core)	Intel(R) Core(TM) i9-13900TE 1.00GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	13752 pts
2	CPU (Single Core)		PASS	1498 pts
3	MP Ratio		PASS	9.18 x

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Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	2212
2	Multi-Core Score		PASS	7132
3	OpenCL Score		PASS	1307

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	2227
2	Multi-Core Score		PASS	7381
3	OpenCL Score		PASS	1319

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2226
2	Multi-Core Score		PASS	7458
3	OpenCL Score		PASS	1312

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2253
2	Multi-Core Score		PASS	8249
3	OpenCL Score		PASS	1312

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	2244
2	Multi-Core Score		PASS	7654
3	OpenCL Score		PASS	1318

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2240
2	Multi-Core Score		PASS	7403
3	OpenCL Score		PASS	1329

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	2019
2	Multi-Core Score		PASS	6672
3	OpenCL Score		PASS	1318

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100T 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1583
2	Multi-Core Score		PASS	5265
3	OpenCL Score		PASS	957

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100T 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2044
2	Multi-Core Score		PASS	6961
3	OpenCL Score		PASS	1326

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100T 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2057
2	Multi-Core Score		PASS	7624
3	OpenCL Score		PASS	1327

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	2053
2	Multi-Core Score		PASS	7110
3	OpenCL Score		PASS	1328

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100T 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2057
2	Multi-Core Score		PASS	7748
3	OpenCL Score		PASS	1331

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	2019
2	Multi-Core Score		PASS	6672
3	OpenCL Score		PASS	1318

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100TE 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1583
2	Multi-Core Score		PASS	5265
3	OpenCL Score		PASS	957

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100TE 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2044
2	Multi-Core Score		PASS	6961
3	OpenCL Score		PASS	1326

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100TE 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2053
2	Multi-Core Score		PASS	7110
3	OpenCL Score		PASS	1328

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100TE 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	2000
2	Multi-Core Score		PASS	6942
3	OpenCL Score		PASS	1309

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	2160
2	Multi-Core Score		PASS	6994
3	OpenCL Score		PASS	1314

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100E 3.3GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	2784
2	Multi-Core Score		PASS	7350
3	OpenCL Score		PASS	1319

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100E 3.3GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2179
2	Multi-Core Score		PASS	7285
3	OpenCL Score		PASS	1308

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100E 3.3GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2205
2	Multi-Core Score		PASS	8101
3	OpenCL Score		PASS	1318

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100E 3.3GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	2189
2	Multi-Core Score		PASS	7568
3	OpenCL Score		PASS	1314

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i3-13100 3.3GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2203
2	Multi-Core Score		PASS	8150
3	OpenCL Score		PASS	1327

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	1229
2	Multi-Core Score		PASS	9320
3	OpenCL Score		PASS	1567

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500 2.5GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1233
2	Multi-Core Score		PASS	9678
3	OpenCL Score		PASS	1571

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500 2.5GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2189
2	Multi-Core Score		PASS	10103
3	OpenCL Score		PASS	1572

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500 2.5GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1241
2	Multi-Core Score		PASS	12005
3	OpenCL Score		PASS	1555

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1295
2	Multi-Core Score		PASS	10315
3	OpenCL Score		PASS	1576

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500 2.5GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	873
2	Multi-Core Score		PASS	4099
3	OpenCL Score		PASS	1587

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400 2.50GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	1117
2	Multi-Core Score		PASS	8645
3	OpenCL Score		PASS	1325

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400 2.50GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1221
2	Multi-Core Score		PASS	9118
3	OpenCL Score		PASS	1325

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400 2.50GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1217
2	Multi-Core Score		PASS	9238
3	OpenCL Score		PASS	1320

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400 2.50GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1223
2	Multi-Core Score		PASS	10778
3	OpenCL Score		PASS	1328

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400 2.50GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1177
2	Multi-Core Score		PASS	9725
3	OpenCL Score		PASS	1327

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400 2.50GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	912
2	Multi-Core Score		PASS	2569
3	OpenCL Score		PASS	1304

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	981
2	Multi-Core Score		PASS	7618
3	OpenCL Score		PASS	1580

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500T 1.61GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	924
2	Multi-Core Score		PASS	7918
3	OpenCL Score		PASS	1582

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	937
2	Multi-Core Score		PASS	7883
3	OpenCL Score		PASS	1569

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500T 1.61GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	924
2	Multi-Core Score		PASS	8915
3	OpenCL Score		PASS	1576

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500T 1.61GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1057
2	Multi-Core Score		PASS	8225
3	OpenCL Score		PASS	1577

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500T 1.60GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	668
2	Multi-Core Score		PASS	4428
3	OpenCL Score		PASS	1555

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	1725
2	Multi-Core Score		PASS	9306
3	OpenCL Score		PASS	1572

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1165
2	Multi-Core Score		PASS	9715
3	OpenCL Score		PASS	1559

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500E 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1751
2	Multi-Core Score		PASS	9681
3	OpenCL Score		PASS	1582

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1170
2	Multi-Core Score		PASS	11441
3	OpenCL Score		PASS	1586

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1165
2	Multi-Core Score		PASS	10391
3	OpenCL Score		PASS	1570

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500E 2.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	573
2	Multi-Core Score		PASS	3423
3	OpenCL Score		PASS	1573

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	1199
2	Multi-Core Score		PASS	8886
3	OpenCL Score		PASS	1329

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400E 2.42GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1186
2	Multi-Core Score		PASS	9323
3	OpenCL Score		PASS	1323

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400E 2.42GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1185
2	Multi-Core Score		PASS	9221
3	OpenCL Score		PASS	1328

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400E 2.42GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1280
2	Multi-Core Score		PASS	10682
3	OpenCL Score		PASS	1325

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1219
2	Multi-Core Score		PASS	9763
3	OpenCL Score		PASS	1323

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13400E 2.42GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	754
2	Multi-Core Score		PASS	2139
3	OpenCL Score		PASS	1320

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i5-13500TE 1.30GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	1816
2	Multi-Core Score		PASS	11079
3	OpenCL Score		PASS	1578

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	1477
2	Multi-Core Score		PASS	10583
3	OpenCL Score		PASS	1583

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1451
2	Multi-Core Score		PASS	11287
3	OpenCL Score		PASS	1583

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	1446
2	Multi-Core Score		PASS	11360
3	OpenCL Score		PASS	1576

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) TOSHIBA DT01ACA200 2TB	PASS	2247
2	Multi-Core Score		PASS	13863
3	OpenCL Score		PASS	1575

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	1450
2	Multi-Core Score		PASS	11430
3	OpenCL Score		PASS	1577

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	1447
2	Multi-Core Score		PASS	11466
3	OpenCL Score		PASS	1585

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.11GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	2488
2	Multi-Core Score		PASS	11853
3	OpenCL Score		PASS	1574

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700 2.10GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	881
2	Multi-Core Score		PASS	3650
3	OpenCL Score		PASS	1549

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 1.38GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	2085
2	Multi-Core Score		PASS	9366
3	OpenCL Score		PASS	1568

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 1.38GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1271
2	Multi-Core Score		PASS	10116
3	OpenCL Score		PASS	1569

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 1.38GHz crucial DDR5 4800 16GB CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2226
2	Multi-Core Score		PASS	10329
3	OpenCL Score		PASS	1583

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 1.38GHz crucial DDR5 4800 16GB*2 CT16G48C40S5.M8A1 (Micro 1YA45 DB8NJ) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2247
2	Multi-Core Score		PASS	13090
3	OpenCL Score		PASS	1584

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 1.38GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	1288
2	Multi-Core Score		PASS	10235
3	OpenCL Score		PASS	1568

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 1.38GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1260
2	Multi-Core Score		PASS	10672
3	OpenCL Score		PASS	1569

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700T 2.10GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	636
2	Multi-Core Score		PASS	2684
3	OpenCL Score		PASS	1573

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700E 1.81GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1382
2	Multi-Core Score		PASS	11301
3	OpenCL Score		PASS	1584

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700E 1.81GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	1446
2	Multi-Core Score		PASS	11201
3	OpenCL Score		PASS	1587

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700E 1.81GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1398
2	Multi-Core Score		PASS	11498
3	OpenCL Score		PASS	1574

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700E 1.80GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2482
2	Multi-Core Score		PASS	15585
3	OpenCL Score		PASS	1572

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i7-13700TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2131
2	Multi-Core Score		PASS	12545
3	OpenCL Score		PASS	1583

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 8GB M5S0-8GSYZCVP-K35 (SEC 146 K4RAH16 5V8 BC0K) TOSHIBA DT01ACA200 2TB	PASS	2085
2	Multi-Core Score		PASS	9366
3	OpenCL Score		PASS	1568

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900 2GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	1343
2	Multi-Core Score		PASS	10387
3	OpenCL Score		PASS	1557

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900 2GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	1969
2	Multi-Core Score		PASS	11572
3	OpenCL Score		PASS	1561

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900 2GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	1429
2	Multi-Core Score		PASS	11757
3	OpenCL Score		PASS	1573

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900 2GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1352
2	Multi-Core Score		PASS	11444
3	OpenCL Score		PASS	1577

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900TE 2GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2578
2	Multi-Core Score		PASS	16117
3	OpenCL Score		PASS	1548

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900E 1.81GHz Kingston DDR5 4800 16GB KVR48S40BS8-16 (Micro 2FA45 D8BNJ) TOSHIBA DT01ACA200 2TB	PASS	2321
2	Multi-Core Score		PASS	11723
3	OpenCL Score		PASS	1576

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900E 1.81GHz acpi DDR5 4800 16GB 7D5948BS-OHVA2BB01 (SKhynix H5CG48AGBD) TOSHIBA DT01ACA200 2TB	PASS	1385
2	Multi-Core Score		PASS	11575
3	OpenCL Score		PASS	1551

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900E 1.81GHz ADATA DDR5 4800 16GB AD5S480016G-S (Spectek PT010 TP) TOSHIBA DT01ACA200 2TB	PASS	1407
2	Multi-Core Score		PASS	11250
3	OpenCL Score		PASS	1561

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900E 1.81GHz innodisk DDR5 4800 32GB M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) TOSHIBA DT01ACA200 2TB	PASS	1388
2	Multi-Core Score		PASS	12185
3	OpenCL Score		PASS	1579

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900E 1.81GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2542
2	Multi-Core Score		PASS	16484
3	OpenCL Score		PASS	1571

Windows 10 64-bit

Item	Weighted Suite	Test Environment	Result	Remark
1	Single-Core Score	Intel(R) Core(TM) i9-13900TE 1GHz innodisk DDR5 4800 32GB*2 M5S0-BGS2OCVP-K35 (SEC 149 K4RAHDB 6V8 BCQK) Western Digital WD3200AAKS-00B3A0 320 GB	PASS	2068
2	Multi-Core Score		PASS	15187
3	OpenCL Score		PASS	1576

5.6 Storage Performance

5.6.1 HDD

Test environment:

OS Windows 10 64bit

Program: HD Tune

HDD Model	Interface	Capacity	Average	Burst Rate	Access Time
TOSHIBA DT01ACA200	HDD	2 TB	151.9 MB/sec	258.2 MB/sec	12.6 ms
Western Digital WD20EFRX-68AX9N0	HDD	2 TB	114 MB/sec	213.9 MB/sec	17.4 ms
Western Digital WD10EZEX-00WN4A0	HDD	1 TB	141.5 MB/sec	194.1 MB/sec	15.8 ms
Western Digital WD800BEVS-16VAT0	HDD	80 GB	51.5 MB/sec	80.9 MB/sec	16.6 ms
ADATA SED2T-L	HDD	256 GB	371.6 MB/sec	57.9 MB/sec	0.1 ms
Crucial CT120BX500SSD1	HDD	120 GB	369.5 MB/sec	98.7 MB/sec	0.1 ms
acpi MSS4F-M	mSATA	64 GB	397.1 MB/sec	134.4 MB/sec	0 ms
acpi M2PDD-8L	M.2 2280 SSD	1 TB	1035.4 MB/sec	182.8 MB/sec	0.1 ms
acpi M2SCQ-8L	M.2 2280 SSD	512 GB	342.5 MB/sec	132.8 MB/sec	0.1 ms
acpi M2SCQ-8L	M.2 2280 SSD	128 GB	341.5 MB/sec	81.1 MB/sec	0.1 ms
Kingston DT HyperX 3.0	USB 3.0	64 GB	227.5 MB/sec	92.9 MB/sec	0.5 ms
Kingston Data Traveler	USB 3.0	32 GB	94.4 MB/sec	59.4 MB/sec	1.2 ms

HDD Model	Interface	Capacity	Average	Burst Rate	Access Time
SMI USB	USB 2.0	8 GB	12.3 MB/sec	12.3 MB/sec	0.9 ms
SanDisk	USB 2.0	128 GB	110.6 MB/sec	33.8 MB/sec	0.8 ms
TOSHIBA Trans Memory	USB 2.0	64 GB	173.7 MB/sec	31.8 MB/sec	0.8 ms
SAMSUNG STORAGE DEVICE	USB 2.0	32 GB	18.2 MB/sec	14.5 MB/sec	1.1 ms
pqi Flash Disk	USB 2.0	16 GB	36.5 MB/sec	25.5 MB/sec	0.6 ms
Transcend Jet Flash	USB 2.0	8 GB	9 MB/sec	14.9 MB/sec	1 ms
TECH-TITAN	USB 2.0	8 GB	16.4 MB/sec	15.3 MB/sec	0.6 ms

5.6.2 DVD-ROM

Test environment:

OS Windows 10 64bit

Program (NERO)

DVD-ROM Model	Interface	Average Speed	Full Read	Burst Rate	DVD
LITEON iHES312	SATA	11.24 x	174 ms	53 MB/s	1 – 16 x
LG GH20NS15	SATA	11.44 x	180 ms	56 MB/s	1 - 16 x
PIONEER DVD DVR-S19LBK	SATA	11.45 x	215 ms	60 MB/s	1 – 16 x
ASUS DRW-1814BLT	SATA	8.36 x	837 ms	56 MB/s	1 - 16 x
TRANSCEND TS8XDVDS-K	USB	5.74 x	319 ms	20 MB/s	1 – 16 x
LITEON DVD eTAU108	USB	5.69 x	251 ms	26 MB/s	1 – 16 x
ZyNET DVD+RW GT32N	USB	5.68 x	290 ms	26 MB/s	1 - 16 x