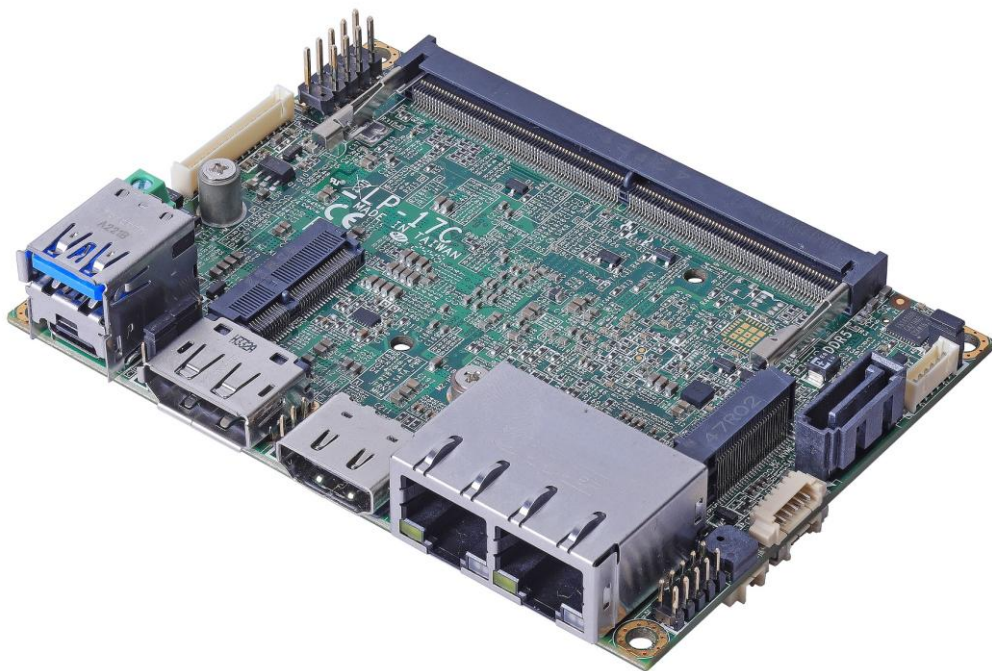


# TEST REPORT



**Board Name: LP-17C**  
**Release Date: 2025/5/26**  
**Test Engineer: Jerry\_Yeh**  
**Perry\_Lin**

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|           |                         |     |   |              |                             |
|-----------|-------------------------|-----|---|--------------|-----------------------------|
| Model:    | LP-17C                  | Rev | A | Release Date |                             |
| BIOS Rev. | 17C11                   |     |   | Memory       | Kingston KVR56S46BS8-16 16G |
| CPU       | X7433RE                 |     |   | Power Supply | MSI MAG A550BN 550W         |
| SSD       | Kingston SV300S37A 240G |     |   | OS           | UEFI-Win10x64_22H2          |
| ME FW:    | 02/08/2024,2406.5.5.0   |     |   |              |                             |
| LAN / NVM | I226V / 2.23            |     |   |              |                             |

## 1. BIOS Test

| Item                       | Value                                       | Result |
|----------------------------|---------------------------------------------|--------|
| Intel (VMX) Virtualization | Enabled                                     | ✓      |
| CPU Speed-Step(EIST)       | Enabled/Disabled                            | ✓      |
| CPU C-states               | Enabled/Disabled                            | ✓      |
| CPU Turbo Mode             | Enabled/Disabled                            | ✓      |
| SATA Hot-plug              | Enabled/Disabled                            | N/A    |
| SATA Controller(s)         | Enabled/Disabled                            | N/A    |
| Restore On Power Loss      | Always On/ Always Off / Former State        | ✓      |
| Watch Dog Timer Select     | Disable / Enabled :30s/1min/2min/3min       | ✓      |
| Power On By RTC Alarm      | Customer's Setting / Wake from S5 /Disabled | ✓      |
| FAN Control(System FAN)    | SMART/Manual                                | ✓      |
| Network Stack              | Enabled/Disabled                            | ✓      |
| PXE Boot capability        | UEFI                                        | ✓      |
| HD AUDIO                   | Enabled/Disabled                            | ✓      |
| Wake on LAN from S3/S4/S5  | Enabled/Disabled                            | ✓      |
| Timeout / Unlock State     | 1~99 / Off-On                               | ✓      |
| Quick Boot                 | Enabled/Disabled                            | ✓      |
| Diagnostic Splash Screen   | Enabled/Disabled                            | ✓      |
| BIOS Level USB             | Enabled/Disabled                            | ✓      |
| Console Redirection        | Enabled/Disabled                            | ✓      |
| UEFI Boot                  | Enabled/Disabled                            | ✓      |
| Secure Boot Configuration  | Enabled/Disabled                            | ✓      |
| Set Supervisor Password    | Enabled/Disabled                            | ✓      |
| Storage Security Features  | Enabled/Disabled                            | ✓      |
| PCIe Resizable BAR Support | Enabled/Disabled                            | N/A    |
| GPIO Group 3 Configuration | Low/High                                    | ✓      |
| Enable VMD controller      | Enabled/Disabled                            | N/A    |
| VT-d setup menu            | Supported                                   | ✓      |

## 1-1. Firmware Flash Test

| Item                                                                                                                                                                                               | EFI Shell flash utility Version (loop) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Update BIOS                                                                                                                                                                                        | ✓                                      |
| Update UUID                                                                                                                                                                                        | ✓                                      |
| BIOS VER. : 17C11<br>SmbViewer VER : 1.1.4.0.(core base 2.3.0.0)<br>ShellFlash64 VER : V4.78.2.0 Build 240506<br>Loop mode :10 TIMES<br>UUID : smbview.efi /type 1<br>ShellFlash64.efi /dus /patch |                                        |

## 1-2. PC Health Status

| Item                           | Value         | Result |
|--------------------------------|---------------|--------|
| <b>PC Health Status</b>        |               |        |
| System Temperature             | 32 °C         | ✓      |
| CPU Temperature                | 26 °C         | ✓      |
| CPU FAN Speed    SMART /Manual | NA / 6192 RPM | ✓      |
| System FAN Speed SMART/Manual  | NA / 4368 RPM | ✓      |
| CPUVCORE                       | 0.784 V       | ✓      |
| 12V                            | 12.038V       | ✓      |
| 5V                             | 5.040V        | ✓      |
| 3.3V                           | 3.424V        | ✓      |

## 1-3. Front Panel Test

| ITEM                                               | Boot | EFI Shell | Windows 10 | Windows 11 |
|----------------------------------------------------|------|-----------|------------|------------|
| POWER BUTTON (4 seconds forced shutdown)           | N/A  | ✓         | ✓          | ✓          |
| POWER LED (Clear CMOS , LED is off)                | ✓    | ✓         | ✓          | ✓          |
| POWER LED (4 seconds forced shutdown , LED is off) | ✓    | ✓         | ✓          | ✓          |
| HDD LED                                            | N/A  | N/A       | ✓          | ✓          |
| RESET                                              | N/A  | ✓         | ✓          | ✓          |
| BUZZER                                             | ✓    | N/A       | N/A        | N/A        |

## 1-4. Jumper Setting

| Location                      | Enable | Disable |                          |
|-------------------------------|--------|---------|--------------------------|
| JRTC / Clear CMOS : JRTC(1-2) | ✓      | ✓       | Start up Device not loss |
| JAT                           | ✓      | ✓       |                          |
| ATX_Mode(5-6)                 |        |         |                          |
| AT_MODE (4-5)                 |        |         |                          |

## 1-5. ACPI Function

| TYPE                            | Item                | Windows 10 | Result |
|---------------------------------|---------------------|------------|--------|
| Power Button                    | Shutdown            | ✓          |        |
|                                 | Sleep               | ✓          |        |
|                                 | Hibernate           | ✓          |        |
| OS Function                     | Sing out            | ✓          |        |
|                                 | Sleep               | ✓          |        |
|                                 | Restart / Safe Mode | ✓          |        |
|                                 | Keyboard Standby    | ✓          |        |
|                                 | Hibernate           | ✓          | 5 min  |
|                                 | Turn Off Hard Disks | ✓          | 3 min  |
|                                 | System Stand By     | ✓          | 2 min  |
|                                 | Turn Off Monitor    | ✓          | 1 min  |
|                                 | S4 (STD) Hibernate  | ✓          |        |
|                                 | S3 (STR) sleep      | ✓          |        |
|                                 |                     |            |        |
| Suspend Wake Up External Device | Power Button        | ✓          |        |
|                                 | USB Keyboard (S4)   | ✓          |        |
|                                 | USB Mouse(S4)       | ✓          |        |

## 2. CPU Test

| SPEC  | Processor | Total Cores | Performance-core<br>Max Turbo<br>Frequency | Processor Base Power | Cache | Result |
|-------|-----------|-------------|--------------------------------------------|----------------------|-------|--------|
| SRNEQ | x7433RE   | 4           | 3.4GHz                                     | 9W                   | 6 MB  | ✓      |
| SRNER | x7835RE   | 8           | 3.6GHz                                     | 12W                  | 6 MB  | ✓      |
| SRNEP | x7213RE   | 2           | 3.4GHz                                     | 9W                   | 6 MB  | ✓      |
| SRNET | x7211RE   | 2           | 3.2GHz                                     | 6W                   | 6 MB  | ✓      |

### 2-1 DDR5 Memory Modules Test

| No. | Vendor/Chip Brand   | (V)  | Part No. / Chip No.                       | CPU-Z |       | Burnintest V10.2 | Result |
|-----|---------------------|------|-------------------------------------------|-------|-------|------------------|--------|
|     |                     |      |                                           | Size  | Speed |                  |        |
| 1   | Kingston / SK hynix | 1.1V | KVR48S40BS6-8 / H5CG46MEBD X015 316A      | 8G    | 4800  | ✓                | ✓      |
| 2   | ADATA               | 1.1V | AD5S480016G-S                             | 16G   | 4800  | ✓                | ✓      |
| 3   | Samsung / SEC       | 1.1V | M425R2GA3BB0 / K4RAH08 6VB BCQK           | 16G   | 4800  | ✓                | ✓      |
| 4   | Kingston / Micron   | 1.1V | KVR48S40BS8-16 / 2JA45D8BNJ               | 16G   | 4800  | ✓                | ✓      |
| 5   | Transcend / SEC     | 1.1V | JM4800ASE-16 / K4RAH08 6VB BCQK           | 16G   | 4800  | ✓                | ✓      |
| 6   | Crucial / Micron    | 1.1V | CT16G48C40S5.M8A1 / IYA45D8BNJ            | 16G   | 4800  | ✓                | ✓      |
| 7   | Acpi / SK hynix     | 1.1V | 7D5948BS-0HVA2BB01 / H5CG48AGBD X018 238A | 16G   | 4800  | ✓                | ✓      |
| 8   | Innodisk / SEC      | 1.1V | M5S0-BGS20CVP-K35 / K4RAH086VBBQK         | 32G   | 4800  | ✓                | ✓      |
| 9   | Crucial / Micron    | 1.1V | CT16G56C46S5.M8G1 / 4DG45D8DD7            | 16G   | 5600  | ✓                | ✓      |
| 10  | Kingston / SK hynix | 1.1V | KVR56S46BS8-16 / H5CG48AGBD               | 16G   | 5600  | ✓                | ✓      |
| 11  | Samsung             | 1.1V | M425R4GA3BB0 /                            | 32G   | 5600  | ✓                | ✓      |
| 12  | Crucial / Micron    | 1.1V | CT32G56C46S5 / 3VD4DC9BPS                 | 32G   | 5600  | ✓                | ✓      |
| 13  | Kingston / SK hynix | 1.1V | KVR56S46BD8-32 / H5CG48AGBD X018 320V     | 32G   | 5600  | ✓                | ✓      |

|    |          |      |                   |     |      |   |   |
|----|----------|------|-------------------|-----|------|---|---|
| 14 | DSL      | 1.1V | D5SH3G082SH56A-BT | 48G | 5600 | ✓ | ✓ |
| 15 | Kingston | 1.1V | KVR56S46BD8-48    | 48G | 5600 | ✓ | ✓ |

Procedure:

1. Run CPU-Z to check Memory Freq.
2. Run Burnintest V10.2 to check for memory problems.
3. Run Windows Memory Diagnostics to check for memory problems.
4. Run 3DMark Recommended w/ Prime95.
5. Run Suspend to S3 and wake-up from S4.

### 3. Power Consumption Test

#### DC IN Power Test

| Configuration |                                      |             |                         |             |               |                                  |                         |             |
|---------------|--------------------------------------|-------------|-------------------------|-------------|---------------|----------------------------------|-------------------------|-------------|
| CPU           | x7835RE                              |             |                         |             | Memory        | Kingston KVR48S40BS8-16 4800 16G |                         |             |
| BIOS          | 17C11                                |             |                         |             | OS            | UEFI-Win10x64_22H2               |                         |             |
| Storage       | NVMe ADATA XPG GAMMIX S70 BLADE 512G |             |                         |             | Power         | SPS-3610                         |                         |             |
| PANEL         | BOE NV156FHM-N43 V8.0                |             |                         |             |               |                                  |                         |             |
| Voltage       | With PANEL                           |             |                         |             | Without PANEL |                                  |                         |             |
|               | UEFI                                 |             | Windows 10 64bit        |             | UEFI          |                                  | Windows 10 64bit        |             |
|               | Boot up                              |             | BurnIntest 10.2 (15min) |             | Boot up       |                                  | BurnIntest 10.2 (15min) |             |
|               | Current ( A )                        | Power ( W ) | Current ( A )           | Power ( W ) | Current ( A ) | Power ( W )                      | Current ( A )           | Power ( W ) |
| 12V           | 1.1                                  | 13.2        | 3.41                    | 40.92       | 1.16          | 13.92                            | 3.01                    | 36.12       |

### 4. Graphics Test

| Model Name                     | Max. Resolution | Turn off display 3min | monitor Audio out | S4 Resume | 3DMark Prime95 |
|--------------------------------|-----------------|-----------------------|-------------------|-----------|----------------|
| HDMI1:<br>ASUS VP327Q          | 3840x2160@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| Type C :<br>Viewsonic VA1655   | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| DP:<br>Viewsonic VA3208-4K-MHD | 3840x2160@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| eDP: BOE NV156FHM-N43          | 1920x1080@60Hz  | ✓                     | N/A               | ✓         | ✓              |
| <b>Dual Displays :</b>         |                 |                       |                   |           |                |
| HDMI 1 + Type C                | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| HDMI 1 + DP                    | 3840x2160@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| HDMI 1 + eDP                   | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| Type C + DP                    | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| Type C + eDP                   | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| DP + eDP                       | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| <b>Triple Displays :</b>       |                 |                       |                   |           |                |
| HDMI 1 + Type C + DP           | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| HDMI 1 + Type C + eDP          | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| DP + HDMI 1 + eDP              | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| DP + Type C + eDP              | 1920x1080@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| <b>Dongle Test</b>             |                 |                       |                   |           |                |
| amber DP to HDMI               | 3840x2160@60Hz  | ✓                     | ✓                 | ✓         | ✓              |
| amber DP to HDMI active        | 3840x2160@60Hz  | ✓                     | ✓                 | ✓         | ✓              |

## 5. Audio Test

| Model Name       | Windows 10/11 Driver | Linux(Ubuntu) |
|------------------|----------------------|---------------|
| Audio Codec / ID | ALC888S              |               |
| Speaker          | ✓                    | ✓             |

## 6. SATA SSD/M.2 PCIe SSD Test

| Model Name                                             | 1.Bus speed<br>2.EFI Reboot Test | CrystalDiskMark 8<br>Read / Write<br>(MB/s) |
|--------------------------------------------------------|----------------------------------|---------------------------------------------|
| 2.5"SATA SSD: Apacer AS340X 240G                       | N/A                              | N/A                                         |
| 2.5"SATA SSD: Crucial CT240BX500SSD1 240G              | N/A                              | N/A                                         |
| 2.5"SATA SSD: RiTEK S11 256G                           | N/A                              | N/A                                         |
| M.2 PCI-e 2280 SSD: WD Blue SN580 500G                 | ✓                                | 3541/3402                                   |
| M.2 PCI-e 2280 SSD: SEAGATE FireCuda ZP500GM30002 500G | ✓                                | 3432/2539                                   |
| M.2 PCI-e 2280 SSD: ADATA XPG GAMMIX S70 BLADE 512G    | ✓                                | 3472/3117                                   |

## 7. USB 2.0 Port Test

| Type          | Plug-unplug | Safely remove | CrystalDiskMark 8<br>Read / Write (MB/s) |
|---------------|-------------|---------------|------------------------------------------|
| CN_USB Port 1 | ✓           | ✓             | 44.61/44.42                              |
| CN_USB Port 2 | ✓           | ✓             | 44.54/44.22                              |

## 8. USB 3.0 /USB3.1/USB3.2/TYPER-C Port Test

| Type       | Plug-unplug | Safely remove | CrystalDiskMark 8<br>Read / Write (MB/s) |
|------------|-------------|---------------|------------------------------------------|
| USB Port 1 | ✓           | ✓             | 1061/967                                 |
| Type_C     | ✓           | ✓             | 1076/970                                 |

## 9. USB Keyboard & Mouse Test

| Model Name             | Wake-up | Press Ctrl+Alt+Del x 10 times |
|------------------------|---------|-------------------------------|
| Mouse: ASUS-JM3        | ✓       | ✓                             |
| Keyboard: ACER-PR1101U | ✓       | ✓                             |

## 10. Serial Port Test

| Standard Test                                                 | baud   | COM1 |
|---------------------------------------------------------------|--------|------|
| Serial Mouse                                                  | 9600   | ✓    |
| RS232 transfer by SSCOM32.exe                                 | 115200 | ✓    |
| RS422 RX-TX transfer by SSCOM32.exe                           | 115200 | ✓    |
| RS485 TX-RX transfer by SSCOM32.exe                           | 115200 | ✓    |
| RS232 loopback plugs by passmark<br>Passmark Burnintest v10.2 | 115200 | ✓    |

## 11. Network Test

| Model Name           | 1.Bridge connections<br>2.Bus Speed<br>3.WOL<br>4.Hot plug | Ping Test<br>iPerf Test | Link / Speed LED |    |      |
|----------------------|------------------------------------------------------------|-------------------------|------------------|----|------|
|                      |                                                            |                         | 100M             | 1G | 2.5G |
| Onboard LAN1: I226-V | ✓                                                          | ✓                       | ✓                | ✓  | ✓    |
| Onboard LAN2: I226-V | ✓                                                          | ✓                       | ✓                | ✓  | ✓    |

## 12. M.2 Test

| Model Name    | Bus Speed | WOL | Link Speed | Result |
|---------------|-----------|-----|------------|--------|
| M2-210        | ✓         | ✓   | ✓          | ✓      |
| M2-225-LM     | ✓         | ✓   | ✓          | ✓      |
| M2-225-IT     | ✓         | ✓   | ✓          | ✓      |
| M2-2213       | ✓         | N/A | ✓          | ✓      |
| AW-CB260NF    | ✓         | ✓   | ✓          | ✓      |
| INTEL BE200   | ✓         | ✓   | ✓          | ✓      |
| INTEL 9260NGW | ✓         | ✓   | ✓          | ✓      |

## 13. TPM Test on Windows10x64

| Vendor/Model Name         | Enable/Disable | Clear TPM | TPM Status<br>by TPM.msc |
|---------------------------|----------------|-----------|--------------------------|
| fTPM: INTC 600.18.15.1515 | ✓              | ✓         | ✓                        |
| H/W TPM: IFXI 7.85.4555.0 | ✓              | ✓         | ✓                        |

## 14. TPM Test on Windows11x64

| Vendor/Model Name         | Enable/Disable | Clear TPM | TPM Status<br>by TPM.msc |
|---------------------------|----------------|-----------|--------------------------|
| fTPM: INTC 600.18.15.1515 | ✓              | ✓         | ✓                        |
| H/W TPM: IFXI 7.85.4555.0 | ✓              | ✓         | ✓                        |

## 15. GPIO / Watchdog Test

| Model Name | UEFI SHELL |
|------------|------------|
| GPIO       | ✓          |
| Watchdog   | ✓          |

## 16. Power Supply Test

| No. | DESCRIPTION                    | Result |
|-----|--------------------------------|--------|
| 1   | FSP HA550 550W                 | ✓      |
| 2   | MW LRS-150-12 (12V/12.5A) 150W | ✓      |
| 3.  | MSI MAG A550BN 550W            | ✓      |
| 4.  | LI SHIN 0219B1280 80W          | ✓      |

## 17. OS Install Test

| No. | DESCRIPTION     | Result |
|-----|-----------------|--------|
| 1   | Win10x64_22H2   | ✓      |
| 2   | Win11x64_22H2   | ✓      |
| 3   | Win10_LTSC_21H2 | ✓      |
| 4   | Ubuntu_24.04    | ✓      |
| 5   | RHEL_9.4        | ✓      |
| 6   | Fedora_40       | ✓      |

## Boot up Test

| Configuration |         |        |               |                                |        |
|---------------|---------|--------|---------------|--------------------------------|--------|
| CPU           | x7433RE |        | Memory        | DSL D5SH3G082SH56A-BT 5600 48G |        |
| BIOS          | 17C11   |        | Power         | Gigabyte P550B 550W            |        |
| Temperature   | Result  | Remark | Temperature   | Result                         | Remark |
| -40℃          | ✓       |        | -40~85℃/90%RH | ✓                              |        |
| 85℃/90%RH     | ✓       |        |               |                                |        |

## Temperature Test

| Configuration |                    |        |               |                                |        |
|---------------|--------------------|--------|---------------|--------------------------------|--------|
| CPU           | x7433RE            |        | Memory        | DSL D5SH3G082SH56A-BT 5600 48G |        |
| BIOS          | 17C11              |        | OS            | UEFI-Win10x64_22H2             |        |
| Storage       | Apacer AS340X 240G |        | Power         | Gigabyte P550B 550W            |        |
|               |                    |        | SW            | Burnintest v10.2               |        |
| Temperature   | Result             | Remark | Temperature   | Result                         | Remark |
| -40℃          | ✓                  |        | -40~85℃/90%RH | ✓                              |        |
| 85℃/90%RH     | ✓                  |        |               |                                |        |

## Thermal Measurements Test

| Configuration |                                             |             |                                         |
|---------------|---------------------------------------------|-------------|-----------------------------------------|
| CPU           | <b>x7835RE</b>                              | Memory      | <b>Kingston KVR48S40BS8-16 4800 16G</b> |
| BIOS          | <b>17C11</b>                                | OS          | <b>UEFI-Win10x64_22H2</b>               |
| Storage       | <b>NVMe ADATA XPG GAMMIX S70 BLADE 512G</b> | Power       | <b>MW LRS-150-12 150W</b>               |
| Software      | <b>Burnintest 10.2</b>                      |             |                                         |
| Item          | Environmental temperature                   | 23°C        |                                         |
| 1             | <b>CPU</b>                                  | <b>79</b>   |                                         |
| 2             | <b>U21</b>                                  | <b>53.9</b> |                                         |
| 3             | <b>U22</b>                                  | <b>61.9</b> |                                         |
| 4             | <b>U24</b>                                  | <b>66.3</b> |                                         |
| 5             | <b>U27</b>                                  | <b>41</b>   |                                         |
| 6             | <b>U28</b>                                  | <b>49</b>   |                                         |
| 7             | <b>L1</b>                                   | <b>58.3</b> |                                         |
| 8             | <b>L2</b>                                   | <b>67</b>   |                                         |
| 9             | <b>L6</b>                                   | <b>41.8</b> |                                         |
| 10            | <b>L7</b>                                   | <b>30.7</b> |                                         |
| 11            | <b>L8</b>                                   | <b>50.4</b> |                                         |
| 12            | <b>Q26</b>                                  | <b>31.7</b> |                                         |

## Intel Amston Lake CPU Compatibility/Performance Test

| FCBGA 1264 | Vcore<br>(@BIOS) | T °C<br>(@BIOS) | Clear<br>CMOS | MEM<br>Clock | TurboBoost | Install<br>O.S | Test Item                              |   |   |                |      |                             |                                       |          |      | 3DMark+<br>Prime95<br>loop |
|------------|------------------|-----------------|---------------|--------------|------------|----------------|----------------------------------------|---|---|----------------|------|-----------------------------|---------------------------------------|----------|------|----------------------------|
|            |                  |                 |               |              |            |                | 1.S3~S5<br>2.PowerON-Off<br>3.HW Reset |   |   | CINEBENCH_R23  |      | PCMark 10<br>in win10/11x64 | 3DMark<br>Recommend<br>on win10/11x64 |          |      |                            |
|            |                  |                 |               |              |            |                |                                        |   |   | Single<br>Core | CPU  |                             | 3DMark<br>Recommend<br>on win10/11x64 |          |      |                            |
|            |                  |                 |               |              |            |                |                                        |   |   |                |      |                             | Timespy                               | Graphics | CPU  |                            |
| x7433RE    | 0.880            | 29              | ✓             | 4800         | ✓          | ✓              | ✓                                      | ✓ | ✓ | 747            | 2694 | 3249                        | 570                                   | 503      | 2431 | ✓                          |
| x7835RE    | 0.888            | 31              | ✓             | 4800         | ✓          | ✓              | ✓                                      | ✓ | ✓ | 834            | 4941 | 3887                        | 677                                   | 591      | 3974 | ✓                          |
| x7213RE    | 0.896            | 29              | ✓             | 4800         | ✓          | ✓              | ✓                                      | ✓ | ✓ | 794            | 1531 | 2763                        | 312                                   | 275      | 1314 | ✓                          |
| x7211RE    | 0.896            | 30              | ✓             | 4800         | ✓          | ✓              | ✓                                      | ✓ | ✓ | 779            | 1538 | 2822                        | 314                                   | 277      | 1309 | ✓                          |

Procedure:

1. Run Suspend to S3. Shutdown to S5.
2. Press Power Button to turn on and off your system .
3. Press HW Reset Button to Reset your system .
4. Run PCMARK 10 to check system performance.
5. Run 3DMark Recommended (TIME SPY)/ Prime95.