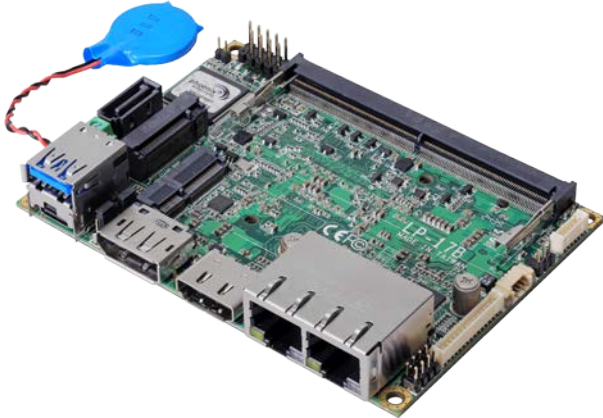


LP-17B



Features

- Support Intel® Core™ Ultra Processor (MTL-U Platform)
- 1 x DDR5 SO-DIMM 5600 MHz up to 48GB
- Integrated HDMI, DisplayPort ++, Type-C (DP Alt.Mode)
- 2 x Intel® 2.5 Gigabit LAN
- 1 x M.2 2230 Key E
- 1 x M.2 2280 Key M support PCIe Gen4 for NVMe x4 or SATA
- 1 x SATA3, 2 x USB2.0, 1 x USB3.2 Gen2
- 1 x RS232/ RS422/ RS485, 1 x GPIO
- Intel® Core™ Ultra processors feature 3D performance hybrid architecture
- Advanced Intel® AI Boost NPU for low-power AI acceleration and CPU/GPU off-load
- DC input 12V ±5%

System

Processor	Intel® Core™ Ultra U Processor (MTL-U Platform) FCBGA2049 package
Memory	1 x DDR5 SO-DIMM 5600 MHz up to 48GB, Support Non-ECC, unbuffered memory
Watchdog Timer	Generates a system reset with internal timer for 1 min/s ~ 255 min/s
Real Time Clock	Chipset integrated RTC with lithium battery
Expansion	1 x M.2 2230 Key E for Wi-Fi and Bluetooth 1 x M.2 2280 Key M support PCIe Gen4 or SATA

Graphics

Processor	Intel® Graphics
Display Interface	1 x HDMI, 1 x DisplayPort ++ , 1 x Type-C (DP Alt. Mode)

LAN

Chip	1 x Intel® I226-LM Gigabit LAN (up to 2.5GbE) 1 x Intel® I226-V Gigabit LAN (up to 2.5GbE)
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I/O

Serial ATA	1 x SATA3
Audio	Realtek ALC888S HD Audio
Internal I/O	1 x SATA3, 2 x USB2.0, 1 x Audio Amplifier (Note2), 1 x GPIO, 1 x RS232/ RS422/ RS485, 1 x Header for eDP or LVDS (Note1)
Rear I/O	1 x HDMI, 1 x DisplayPort ++ , 1 x Type-C (DP Alt.Mode), 2 x LAN, 1 x USB3.2 Gen2,

Mechanical & Environmental

Power Requirement	DC input 12V±5%
Size	100 mm x 72mm (L x W)
Temperature	Operating within 0°C~60°C (32°F~140°F) Storage within -20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90%, non-condensing

Ordering Code

LP-17B7:	With Ultra 7 165U + Cooler fan, support HDMI, DP ++, Type-C (DP Alt. Mode) , Header for LVDS
OEM	
LP-17B5:	With Ultra 5 135U + Cooler fan, support HDMI, DP ++, Type-C (DP Alt. Mode) , Header for LVDS

Note1: Add ADP-3460 supports LVDS.

Note2: Audio Amplifier with 3Watt for 4ohm speaker