

LV-6716



Features

- Support Intel® Core™ Meteor Lake Ultra H Processors
- 2 x DDR5 SO-DIMM 5600 MHz up to 64GB
- Integrated DisplayPort, HDMI, LVDS for four display support
- 3 x Intel® 2.5 Gigabit LAN
- 1 x MiniPCIe support mSATA
- 2 x M.2 2280 Key M support PCIe Gen4 for NVMe
- 1 x M.2 2230 Key E for Wi-Fi and Bluetooth
- 2 x SATA3, 4 x USB2.0, 4 x USB3.2 Gen2, 6 x COM
- 1 x GPIO, 1 x PCIe x16 Slot (support Gen5 X8),
- Support Watchdog Timer
- Standard 24-pin ATX power supply or DC input 9~35V

System

Processor	Support Intel® Core™ MTL Ultra H Processors FCBGA2049 package
Memory	2 x DDR5 SO-DIMM 5600 MHz up to 64GB, 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 onboard lithium battery
Expansion	1 x MiniPCIe (support mSATA) (Note1) 1 x SIM slot 2 x M.2 (Key M 2280) support PCIe Gen4 for NVMe 1 x M.2 2230 Key E for Wi-Fi and Bluetooth 1 x PCIe x16 Slot (support Gen5 X8)

Graphics

Chipset	Intel® Arc™ Graphics
Display Interface	1 x LVDS(Note2) / EDP, 1 x HDMI, 1 x DisplayPort 1 x HDMI / EDP(Note3)

LAN

Chip	3 x Intel® I226-LM Gigabit LAN (up to 2.5GbE)
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I/O

Serial ATA	2 x SATA3 (Note1)
Audio	Realtek ALC888S HD Audio
Internal I/O	2 x SATA3, 4 x RS232, 2 x USB2.0, 1 x GPIO , 1 x SMBus, 1 x Audio, 1 x LAN, 1 x LCD inverter, 1 x LVDS(Note2), 1 x EDP(Note3)
Rear I/O	4 x USB3.2 Gen2 , 2 x USB2.0, 2 x LAN, 2 x RS232/422/485, 1 x Audio, 2 x HDMI, 1 x DisplayPort

Mechanical & Environmental

Power Requirement	Standard 24-pin ATX power supply or DC input 9~35V
Size	170mm x 170mm (L x W)
Temperature	Operating within 0°C~60°C Storage within -20°C~80°C
Relative Humidity	10%~90%, non-condensing

Ordering Code

LV-6716H7 With Ultra 165H + Cooler fan, support HDMI, LVDS, DP 2.5G LAN

Note1: mSATA and SATA2 can't use at the same time

Note2: Onboard 18/24-bit single/dual channel +3.3V/ +5V/ +12V LVDS

Note3: HDMI(B) and EDP can't use at the same time