

LV-6718

Features

- Support Intel® Core™ Ultra Series 3 Processors (PTL-H Platform)
- 2 x DDR5 SO-DIMM 7200 MHz up to 128GB
- Integrated DP++, HDMI, LVDS , Type-C for four display support
- 1 x Type-C(DP Alt. Mode)
- 2 x Intel® 2.5 Gigabit LAN
- 1 x Intel® 10 Gigabit LAN
- 1 x M.2 2280 Key M support PCIe Gen4 for NVMe
- 1 x M.2 2280 Key M support PCIe Gen5 for NVMe
- 1 x M.2 2230 Key E for Wi-Fi and Bluetooth
- 3 x USB2.0, 3 x USB3.2 Gen2, 6 x COM
- 1 x GPIO, 1 x PCIe x16 Slot (support Gen5 X8),
- Intel® Core™ Ultra processors feature 3D performance hybrid architecture
- Advanced Intel® AI Boost NPU for low-power AI acceleration and CPU/GPU off-load
- Standard 24-pin ATX power supply or DC input 9~35V



System

Processor	Intel® Core™ Ultra Series 3 Processor (PTL-H Platform) FCBGA2540 package
Memory	2 x DDR5 SO-DIMM 7200 MHz up to 128GB, 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 M.2 (Key M 2280) support PCIe Gen4 for NVMe 1 x M.2 (Key M 2280) support PCIe Gen5 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® Graphics
Display Interface	1 x LVDS / eDP, 1 x HDMI, 1 x DisplayPort ++, Type-C(DP Alt. Mode)

LAN

Chip	2 x Intel® 2.5GbE LAN 1 x Intel® 10GbE LAN (Optional)
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Ordering Code

LV-67187-10G	With Ultra 7 366H + Cooler fan, support HDMI, LVDS, DP ++, Type-C (DP Alt. Mode), 2.5G LAN & 10G LAN
LV-67187	With Ultra 7 366H + Cooler fan, support HDMI, LVDS, DP ++, Type-C (DP Alt. Mode), 2.5G LAN

Note1: Onboard 18/24-bit single/dual channel +3.3V/ +5V/ +12V LVDS

I/O

Audio	Realtek ALC888S HD Audio
Internal I/O	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(Note1)
Rear I/O	3 x USB3.2 Gen2, 1 x USB2.0, 2 x LAN, 2 x RS232/422/485, 1 x Audio, 1 x HDMI, 1 x DisplayPort ++, 1 x Type-C(DP Alt. Mode)

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