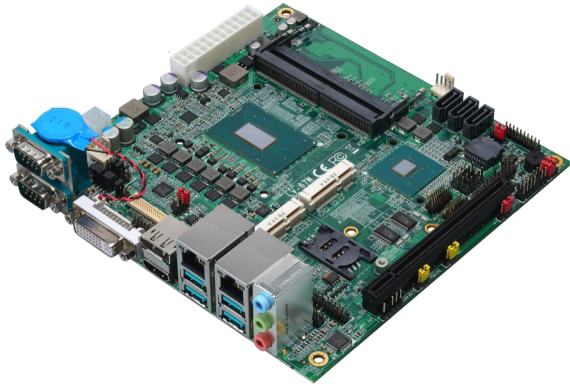


8th Generation Intel® Core™ Processors

LV-67W



Features

- Onboard Intel® 8th Gen Intel® Core™ H-series Processor
- 2 x DDR4 SO-DIMM 2666 MHz up to 32GB
- Integrated VGA, DVI, DisplayPort, HDMI, LVDS for Triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 2 x MiniPCIe
- 3 x SATA3, 4 x USB2.0, 6 x COM, 1 x LPC,
- 2 x 8 bit GPIO, 1 x SIM Slot, 1 x PS/2
- 6 x USB3.1 Gen2
- Support Watchdog Timer
- Support 4K resolution
- Standard 24-pin ATX power supply or 4-pin 9~35V

System

Processor	Intel® 8th Gen Intel® Core™ H-series Processor FCBGA1440 package
Chipset	Intel® QM370
Memory	2 x DDR4 SO-DIMM 2666 MHz up to 32GB, 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 MiniPCIe (support mSATA) 1 x MiniPCIe 1 x SIM slot 1 x PCIe X16 slot

Graphics

Processor	Intel® UHD Graphics
Display Interface	1 x DVI, 1 x DisplayPort(optional), 1 x VGA, 1 x HDMI 1 x LVDS

LAN

Chip	1 x Intel® I219-LM Gigabit PHY LAN (Support Intel® AMT 12) 1 x Intel® I210-AT Gigabit LAN
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I/O

Serial ATA	3 x SATA3
Audio	Realtek ALC262 HD Audio
Internal I/O	3 x SATA3, 4 x RS232, 4 x USB2.0, 2 x USB3.1 Gen2, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 2 x 8bit GPIO, 1 x Audio, 1 x PS/2, 1 x SMBus, 1 x VGA
Rear I/O	1 x DisplayPort(optional), 1 x DVI, 1 x HDMI, 4 x USB3.1 Gen2, 2 x LAN, 1 x RS232/422/485, 1 x RS232, 1 x Audio.

Mechanical & Environmental

Power Requirement	Standard 24-pin ATX power supply or 4-pin 9~35V
Size	170mm x 170mm (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

LV-67W5:	With i5-8400H, QM370 support HDMI, LVDS, VGA, DVI, DP
LV-67W7:	With i7-8850H, QM370 support HDMI, LVDS, VGA, DVI, DP
LV-67WT5:	With i5-8400H, QM370 support HDMI, LVDS, VGA, DVI, Header for 2 nd VGA or 2 nd LVDS (Note2)
LV-67WT7:	With i7-8850H, QM370 support HDMI, LVDS, VGA, DVI, Header for 2 nd VGA or 2 nd LVDS (Note2)
ADP-3355:	DisplayPort to VGA module (For 2 nd VGA)
ADP-3460:	DisplayPort to LVDS module (For 2 nd LVDS)

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

Note2: There are two modules ADP-3355, ADP-3460; you can choose one to support 2nd VGA or 2nd LVDS