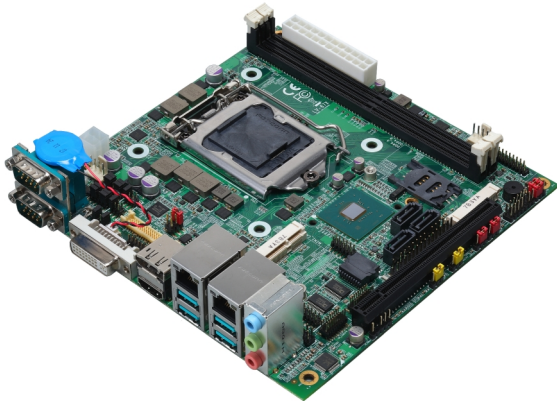


8th Generation Intel® Core™ Desktop Processors

LV-67X



Features

- Support 8th Generation Intel® Core™ Desktop Processors
- 2 x DDR4 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,
- 1 x MiniPCIe, 1 x Half Size MiniPCIe
- 3 x SATA3, 1 x PS/2, 1 x LPC, 1 x GPIO, 1 x SIM Slot
- 2 x RS232/RS422/RS485, 4 x RS232
- 6 x USB3.1 Gen2, 4 x USB2.0
- Support Watchdog Timer
- Support 4K resolution
- Standard 24-pin ATX power supply and 4-pin 12V

System

Processor	Support 8th Generation Intel® Core™ Desktop Processors, FCLGA1151 package
Chipset	Intel® Q370
Memory	2 x DDR4 DIMM 2666 MHz up to 32GB, Support Non-ECC, unbuffered memory (i3, Pentium, Celeron CPU support 2400 MHz only)
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) 1 x Half Size 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 (Note1)

LAN

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

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, 1 x 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, 2 x RS232/422/485, 1 x Audio.

Mechanical & Environmental

Power Requirement	Standard 24-pin ATX power supply and 4-pin 12V
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-67X:	8th Generation Intel® Core™ Desktop Processor , support HDMI, LVDS, VGA, DVI, DP
LV-67XT:	8th Generation Intel® Core™ Desktop Processor , support HDMI, LVDS, VGA, DVI, Header for 2nd VGA or 2nd LVDS (Note2)
ADP-3355:	DisplayPort to VGA module
ADP-3355NB:	DisplayPort to VGA module, without bracket
ADP-3460:	DisplayPort to LVDS module

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 the one to support 2nd VGA or 2nd LVDS