

FS-A79



Features

- Support 8th & 9th Gen Intel® Core™ Desktop Processors
- 2 x DDR4 DIMM 2666 MHz up to 32GB
- Integrated VGA, DVI, DisplayPort, LVDS for Triple display support
- 1 x Intel® Gigabit PHY LAN, 1 x Intel® Gigabit LAN,
- 1 x MiniPCIe, 3 x SATA3, 1 x PS/2, 1 x LPC, 1 x GPIO
- 2 x RS232/RS422/RS485, 4 x RS232
- 6 x USB3.1 Gen2, 4 x USB2.0
- Support Watchdog Timer
- Support 4K resolution
- Need Backplane from Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V(Onboard)

System

Processor	Support 8 th & 9 th Gen Intel® Core™ Desktop Processors, FCLGA1151 package (Support up to 65W TDP) (Note1)
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 SIM slot 4 x PCI slot 1 x PCIe X16 slot 1 x PCIe X4 slot or 4 x PCIe X1 slot (optional)

Graphics

Processor	Intel® UHD Graphics
Display Interface	2 x DVI, 1 x DisplayPort, 1 x VGA, 1 x LVDS (Note2)

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, 2 x RS232/422/485, 4 x USB2.0, 6 x USB3.1 Gen2, 1 x LVDS, 1 x LCD inverter, 1 x LPC, 1 x GPIO, 1 x Audio, 1 x SMBus, 1 x VGA
Rear I/O	1 x DisplayPort, 2 x LAN, 1 x PS/2

Mechanical & Environmental

Power Requirement	Need Backplane from Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V(Onboard)
Size	338mm x 126mm (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

FS-A79G201:	8th & 9th Gen Intel® Core™ Desktop Processors support LVDS, VGA, DVI, DP, 4 x PCI, 1 x PCIe X16, 4 x PCIe X1
FS-A79G204:	Same as FS-A79G201, with 1 x PCIe X4

Note1: 8 cores TDP 65W CPU is not supported.(E.g. i7-9700E)

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