

LS-579



Features

- Intel® 6th & 7th Gen Core™ and Xeon® Processor
- 2 x DDR4 DIMM 1866/2133 MHz up to 32GB
- Integrated VGA, HDMI, DisplayPort, LVDS for Triple display supports
- 4 x Intel® Gigabit LAN (Support PSE)
- 2 x M.2 (Key M), 1 x M.2 (Key E), 2 x MiniPCIe
- Support Watchdog Timer
- Support 4K resolution
- DC input 9~35V

System	I/O
Processor Intel® 6th & 7th Core™ i7/ i5/ i3 and Xeon® E3-1200 v5/ v6 Processor, FCLGA1151 package (TDP up to 45W)	Serial ATA 4x SATA3 interface with 600MB/s transfer rate
Chipset Intel® C236	Audio Realtek ALC262 HD Audio
Memory 2 x DDR4 DIMM 1866/2133 MHz up to 32GB, Support Non-ECC, unbuffered memory (Xeon® E3-1200 v5 / v6 Product support ECC memory)	Internal I/O 4 x SATA3, 2 x RS232/422/485, 4 x RS232, 4 x USB2.0, 1 x LPC, 1 x GPIO, 1 x PS/2, 1 x SMBus, 1 x Audio, 1 x LVDS (Note1), 1 x LCD inverter, 1 x VGA
Watchdog Timer Generates a system reset with internal timer for 1 min/s ~ 255 min/s	Rear I/O 6 x USB3.0, 4 x LAN, 2 x HDMI, 1 x Display Port,
Real Time Clock Chipset integrated RTC with onboard lithium battery	Mechanical & Environmental
Expansion 2 x M.2 (Key M) for PCIe NVMe 2242/2260/2280mm 1 x M.2 (Key E) for Wi-Fi and Bluetooth 2230mm 2 x MiniPCIe (support mSATA) 1 x SIM slot	Power Requirement Standard 24-pin ATX power supply or 4-pin DC 9~35V
Graphics	Size 203mm x 146mm (L x W)
Processor Intel® 9th Gen integrated HD Graphics (Some Xeon® E3-1200 v5/ v6 Product CPU not support)	Temperature Operating within 0°C~60°C (32°F~140°F) Storage within -20°C~80°C (-4°F~176°F)
Display Interface 1 x DisplayPort, 2 x HDMI, 1 x VGA, 1 x LVDS (Note1)	Relative Humidity 10%~90%, non-condensing
LAN	
Chip 1 x Intel® I219-LM Gigabit PHY LAN 3 x Intel® I210-AT Gigabit LAN	
PSE With ADP-PSE4 support four independent PSE function capable of delivering up to 90W.	

Ordering Code

LS-579:	Support Skylake & Kaby Lake i7, i5, i3 S-series and Xeon® E3 v5 v6 Processor , support HDMI, LVDS, VGA, DP
LS-579T:	Support Skylake & Kaby Lake i7, i5, i3 S-series and Xeon® E3 v5 v6 Processor , support HDMI, LVDS, VGA, Header for 2 nd VGA or 2 nd LVDS (Note2)
ADP-PSE4:	Compliant IEEE802.3at support LTPoE++ 90W, with four independent PSE channels
ADP-3355:	DisplayPort to VGA module
ADP-3460:	DisplayPort to LVDS module
DC-DC5	Power Converter Module with Heat spreader, Terminal block , DC 19~35V input, DC 54V/2A output
DC-PD Series	PoE+ PD Module

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

Note2: Add ADP-3355 supports 2nd VGA or Add ADP-3460 supports 2nd LVDS.