

# LE-577



## Features

- Onboard Intel® 7th Gen Intel® Core™/ Xeon® H-series Processor
- 2 x DDR4 SO-DIMM 2133 MHz up to 32GB
- Integrated VGA, DisplayPort, HDMI, LVDS for Triple display supports
- 4 x Intel® Gigabit LAN
- 2 x M.2 (Key M), 2 x M.2 (Key E), 2 x MiniPCIe, 1 x PCIe X 16 slot
- Support Watchdog Timer
- Support 4K resolution
- Standard 24-pin ATX power supply or 4-pin 9~35V

### System

Processor	Intel® 7th Gen Intel® Core™/ Xeon® H-series Processor (Note2), FCBGA1440 package
Chipset	Intel® CM238
Memory	2 x DDR4 DIMM 2133 MHz up to 32GB, Support Non-ECC, unbuffered memory (Xeon® E3-1200 v5 / v6 Product support ECC 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	2 x M.2 (Key M) for PCIe NVMe 2242/2260/2280mm 2 x M.2 (Key E) for Wi-Fi and Bluetooth 2230mm 2 x MiniPCIe (support mSATA), 1 x Sim slot 1 x PCIe X 16 Slot
<b>Graphics</b>	
Processor	Intel® 9th Gen integrated HD Graphics
Display Interface	1 x LVDS (Note1), 2 x HDMI, 1 x DisplayPort, 1 x VGA
<b>LAN</b>	
Chip	1 x Intel® I219-LM Gigabit PHY LAN 3 x Intel® I210-AT Gigabit LAN

### I/O

Serial ATA	4x SATA3 interface with 600MB/s transfer rate
Audio	Realtek ALC262 HD Audio
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
Rear I/O	6 x USB3.0, 4 x LAN 2 x HDMI, 1 x Display Port,

### Mechanical & Environmental

Power Requirement	Standard 24-pin ATX power supply or 4-pin DC 9~35V
Size	203mm x 146mm (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

LE-577K3	With i3-7100E, CM238 support HDMI, LVDS, VGA, DP
LE-577K5	With i5-7440EQ, CM238 support HDMI, LVDS, VGA, DP
LE-577K7	With i7-7820EQ, CM238 support HDMI, LVDS, VGA, DP
LE-577KX	With E3-1505M v6, CM238 support HDMI, LVDS, VGA, DP
ADP-3355	DP to VGA (Note3)
ADP-3460	DP to LVDS (For 2nd LVDS) (Note3)

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

Note2: Intel® 6th CPU for OEM module.

Note3: There are two modules (ADP3355, ADP3460), and you can choose one to support 2nd VGA or 2nd LVDS