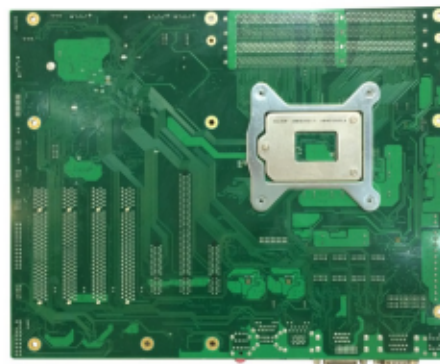


# ECO-1817

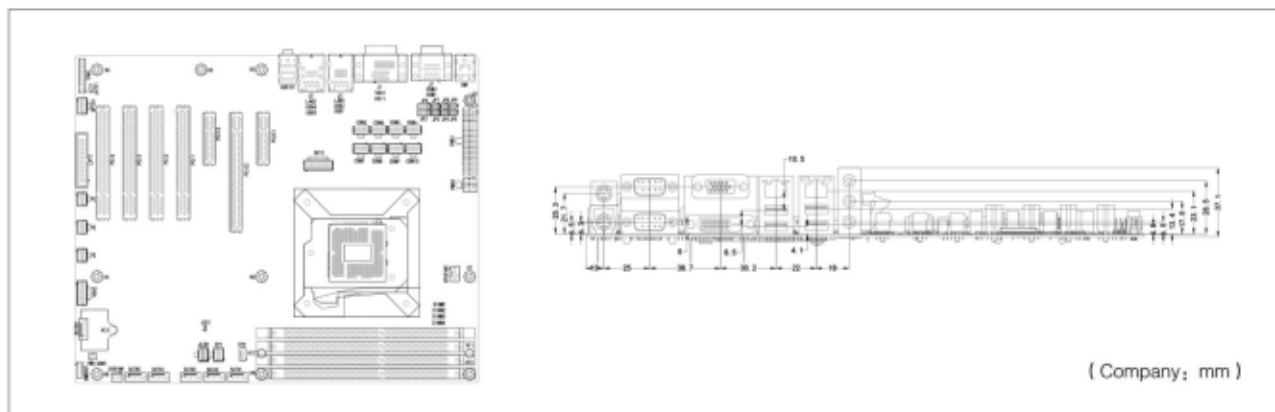
ATX Single Board



## Features:

- ◆ Supports INTEL LGA 1150 pin 4th-generation I3/I5/I7 Core™ Processor, Intel® Pentium® Processor, Intel® Celeron® Processor, Intel® Xeon® E3-12xx V3 and V4 family Processors
- ◆ H81: 2 x 240PIN DDR3 1333/1600MHz DIMM memory slot. A single memory module supports 8GB, which brings the total memory capacity to 16GB
- ◆ Q87: 4 x 240PIN DDR3 1333/1600MHz DIMM memory slot. A single memory module supports 8GB, which brings the total memory capacity to 32GB
- ◆ H81: VGA+DVI-D dual display; Q87: VGA+2\*DVI-D triple display
- ◆ 10 x USB port (including 2 x USB 3.0); 10 x COM port
- ◆ H81: 1 x PCI\_EX16, 2 x PCI\_EX1, 4 x PCI; Q87: 1 x PCI\_EX16, 1 x PCI\_EX4, 1 x PCI\_EX1, 4 x PCI
- ◆ Supports WINXP, WIN7, WIN8, LINUX, Windows Server® systems

## Product size chart



## Specifications

CPU	Supports INTEL LGA 1150 pin 4th-generation I3/I5/I7 Core™ Processor, Intel® Pentium® Processor, Intel® Celeron® Processor, Intel® Xeon® E3-12xx V3 and V4 family Processors
Chipset	Intel® H81/Q87
Memory	H81: provides two 240PIN DDR3 1333/1600MHz DIMM memory slots. A single memory module support 8GB, which brings the total memory capacity to 16GB Q87: provides four 240PIN DDR3 1333/1600MHz DIMM memory slots. A single memory module supports 8GB, which brings the total memory capacity to 32GB.
Display port	H81: Support VGA, DVI-D dual display, external port. VGA supports a maximum resolution of 1920 x 1200, and DVI-D supports a maximum resolution of 1920 x 1200@60Hz. Q87: VGA, DVI, DVI triple display supported. One DVI is built-in, and can be brought out to the outside of the chassis by cable with bracket.
Audio	1 x HDA audio port, supporting Mic-in/Line-in/Line-out
LAN	2 x 10/100/1000Mbps LAN port. H81 adopts Intel I211 chipset, and Q87 adopts Intel I210AT chipset. LAN1 supports Wake-On-LAN
Storage	Q87: support 6 x SATA interface, support SATA 3.0, support RAID0/1/5/10 H81: 4 x SATA interface (2 x SATA 3.0, 2 x SATA 2.0), one SATA 2.0 supports optional SATA+SATA DOM
I/O port	COM port: 10 x RS-232 (COM1/COM2 support RS-232/422/485); Parallel port: 1 x parallel port, supporting SSP/EEP/ECP working mode, supporting BIOS modification working mode; 10 x USB port (2 x USB 3.0 port, 8 x USB 2.0 port); PS2: 1 x Mini 1-to-2 PS/2 port; 1 x 8bit digital I/O port; 1 x TPM/TCM port
Expansion bus	H81: 1 x PCI_EX16, 2 x PCI_EX1 (PCIEX4 connector), 4 x PCI Q87: 1 x PCI_EX16, 1 x PCI_EX4, 1 x PCI_EX1 (PCIEX4 connector), 4 x PCI
Operating temperature	-10°C ~ 60°C; 5%~90% (non-condensing)
Storage environment	-20°C ~ 80°C, 5%~90% (non-condensing)
Watchdog	255 levels, programmable by second/minute, timeout interrupt or system reset
Power supply	ATX power supply, supporting ACPI S0/S1/S4/S5
Dimensions	305mm (L) x 244 mm (W) x 37.1mm (H)

## Ordering Information

Part Number	Model Number	Description
0030-020741	EC0-1817V2NA-H81	ATX structure single board/Intel H81 chipset/supports INTEL LGA 1150 pin 4th-generation L I3/I5/I7 Core™ Processor, Intel® Pentium® Processor, Intel® Celeron® Processor/2 x DDR3 DIMM memory slot, supporting up to 16GB memory capacity/VGA+DVI-D /4 x SATA (one SATA 2.0 supports optional SATA+SATA DOM) /2 x 1000Mbps LAN port (I211) /10 x USB2.0/10 x COM port (two support 232/422/485) /1 x LPT/2 x PS/2/HD Audio/1 x 8bit GPIO/4 x PCI /2 x PCIE x1(x4 connector)/1 x PCIEx16/1 x TPM/TCM port/ATX power supply
0030-020751	EC0-1817V2NA-Q87	ATX structure single board/Intel Q87 chipset/supports INTEL LGA 1150 pin 4th-generation I3/I5/I7 Core™ Processor, Intel® Pentium® Processor, Intel® Celeron® Processor/4 x DDR3 DIMM memory slot, supporting up to 32GB memory capacity/VGA+DVI-D +DVI-D /4 x SATA (one SATA 2.0 supports optional SATA+SATA DOM)/2 x 1000Mbps LAN port (I210AT)/10 x USB2.0/10 x COM port (two support 232/422/485) /1 x LPT/2 x PS/2/HD Audio/1 x 8bit GPIO/4 x PCI /1 x PCIE x1 (x4 connector)/1 x PCIEx4/1 x PCI Ex16/1 x TPM/TCM port/ATX power supply