EC9-1819
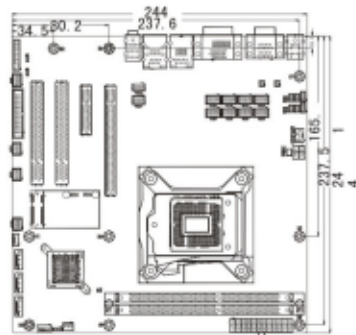
Embedded ATX Single Board

Features:

◆ Supports WINXP(32bit) system (a unique feature of EVOC)

◆ Supports latest 4th-generation LGA 1150 family CPUs

◆ Supports 10 x COM port, 12 x USB 2.0, M-SATA HDD, PCI-E x16, PCI-Ex4, and 2 x PCI

◆ National ESD level 3. Mated with complete PC, the product can reach air discharge 8KV and contact discharge 6KV

◆ With great universality, the board can be used in a variety of embedded PCs, including IPC-810E, 820, IPC-6302, and IPC-6810E

Product size chart

(Company：mm)

Specifications

CPU	Supports INTEL 4th- generation LGA1150 Dual-core/Quad-core processors
Chipset	H81 chipset
Memory	Provides two 240Pin standard DDR3 1333/1600 MHz DIMM memory slots, up total 16GB, Single slot max 8GB.
Display port	Support VGA + DVI dual display VGA mode: up to 1920 x 1200@60Hz,DVI -D mode: up to 1920 x1200@60Hz
Audio	Adopts ALC 892 audio chip, supports HD Audio, available interface of Mic-in, line-in and Line-out
LAN	2 x 10/100/1000Mbps LAN port
Storage	Provides 2 x SATA 3.0 interface, 1x SATA 2.0 interface, 1 x M-SATA interface
I/O port	10 x USB2.0, 2 x USB3.0/10 x COM port(COM1 &2 support RS-232/422/RS-485 optional, RS-485 automatic flow control and 5V/12V optional)/1 x LPT/2 x PS/2/1 x 8BIT GPIO
Expansion bus	2 x PCI,1 x PCIEx1 (X4 connector),1 x PCIEx16
Operating temperature	-10℃ ~ 60℃; humidity: 5%～95% (non-condensing)
Storage environment	-20℃ ~ 80℃; humidity: 5%～95% (non-condensing)
Watchdog	255 levels, programmable by second/minute, timeout interrupt or system reset
Power supply	Standard ATX power supply
Dimensions (W × D)	244(mm)x244(mm)

Ordering Information

Part Number	Model Number	Description
0030-020581	EC9-1819V2NA	Embedded ATX structure single board /H81 chipset/supports INTEL LGA1150 Dual-core/Quad-core processors/2 x 240PIN 1333/1600MHz DDR3 memory slot, total up to 16GB/VGA, DVI display ports/2 x 1000Mbps LAN port/3 x SATA 2.0/1 x M-SATA interface/10 x USB2.0/2 x USB3.0/10 x COM port/2 x PCI/1 x PCIEx16/1 x PCIEx4/1 x LPT port/1 x 8BIT GPIO/1 x TPM port/1 x Audio port