

EC9-1818

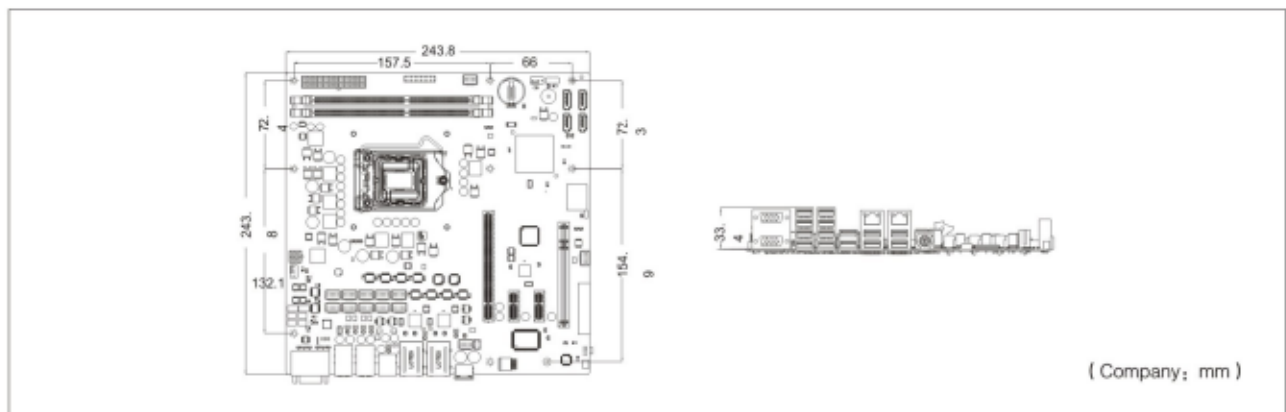
3.5" SBC third-generation Atom with onboard CPU/LVDS/VGA/CF/2LAN/Audio



Features:

- ◆ High reliability with wafer style connector
- ◆ Support Ivy Bridge/Sandy Bridge CPU
- ◆ Support up to 16GB memory
- ◆ Support VGA + VGA dual display
- ◆ Support 14 x USB, 10 x COM, 4 x SATA, 2 x GbE, 1 x LPT, 8-bit GPIO
- ◆ Supports 1x PCI-E x16, 2x PCIE x1, 1x PCI

Product size chart



Specifications

CPU	Support LGA 1155 package Intel® Core™ Ivy Bridge/Sandy Bridge /Dual/Quad CPU
Chipset	H61 chipset
Memory	Support 2 x 240-Pin DDR3 1066/1333/1600 MHZ DIMM slot, supports Un-buffered non-ECC memory, up to 16GB
Display port	Supports VGA + VGA Dual Display VGA1: up to 2048 x 1536@75Hz, VGA2: up to 1920 x 1200@75Hz
Audio	Adopts ALC892-GR HD audio chip, supports MIC-in, LINE-in and LINE-out
LAN	2 x 10/100/1000Mbps LAN port
Storage	4 x SATA2.0 interface, AHCI mode supports hot swap
I/O port	4 x USB3.0, 10 x USB2.0/10 x COM(COM1&2 support RS232/422/RS485 optional and COM1 support wake-up function)/ 1 x LPT/1 x PS/2/1x8bit GPO/1 x TPM port, supporting TPM/TCM module
Expansion bus	1 x PCIE x16, 2 x PCIE x1, 1 x PCI
Operating temperature	-10°C ~ 60°C; humidity: 5%~95% (non-condensing)
Storage environment	-20°C ~ 60°C; humidity: 5%~95% (non-condensing)
Watchdog	1-255 sec./min. timer system reset or interrupt, setup by software
Power supply	Standard ATX power supply
Dimensions (L x W x H)	243.8mm (L) x 243.8mm (W)x 35mm (H)

Ordering Information

Part Number	Model Number	Description
0030-019881	EC9-1818V2NA	Embedded ATX structure single board/H61chipset set /support Ivy Bridge/Sandy Bridge Dual/quad core LGA1155 Package CPU/2x240PIN 1333/1066MHz DDR3 memory slot, total up to 16GB/2xVGA/2x1000Mbps Ethernetcard/4xSATA/10xUSB2.0/4xUSB3.0/10xCOM/1xPCI/1xPCIEx16/1xPCIEx1/1xLPT/1x8BITGPIO/1xTPM/1xAudio