



## Features

- Intel® Atom™ Processor C2000 series
- Supports Intel's newest QuickAssist acceleration technology
- Advanced LAN Bypass
- 4x PCI-E GbE ports with status LED indicator
- 2x DDR3-1600 DIMM; Max. 32GB
- 1x Mini PCI-E socket, 1x PCI-Ex4 expansion golden finger
- 1x PCI-E x8 expansion golden finger
- Supports DPDK

## Specifications

CPU	Intel® Atom™ Processor C2000 series with QuickAssist Technology
Chipset	N/A
Memory	2x DDR3 DIMMs up to 1600MHz, Max. 32GB UDIMM (ECC or non-ECC)
Display	N/A
Ethernet	1x Intel® I347-AT4 for 4x GbE RJ45
Bypass	1x segment, LAN 1/2
Expansion	1x Mini PCI-E (m-SATA compatible) 1x PCI-E x4 (IP334) 1x PCI-E x8 (IP332)
IPMI	N/A
Storage	1x SATA II port 1x SATA III port
I/O	3x LED (Power / HDD / Status) 1x Factory default button (GPIO) 1x RJ45 console 2x USB 3.0
Power Input	ATX Power (DC 12V)
Dimensions	203 mm x 108 mm (7.99" x 4.25")
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Operating Humidity	10% ~ 90% (non-condensing)
Certification	CE/FCC

## Ordering Information

MB838-2C	Networking motherboard with Intel® Atom™ C2358, 2x DDR3 DIMMs, 4x GbE Ports, Barebone without Cooler/ RAM
MB838-4C	Networking motherboard with Intel® Atom™ C2558, 2x DDR3 DIMMs, 4x GbE Ports, Barebone without Cooler/ RAM
MB838-8C	Networking motherboard with Intel® Atom™ C2758, 2x DDR3 DIMMs, 4x GbE Ports, Barebone without Cooler/ RAM
IP334	Riser card, 1-to-1 PCI-E expansion
PK1-51	Console cable, 160cm
USB2-7	Dual port USB 2.0 cable, 30cm