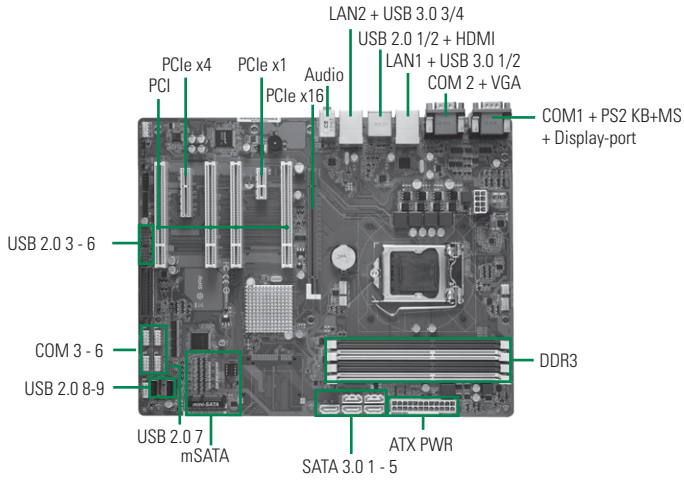
IMB211

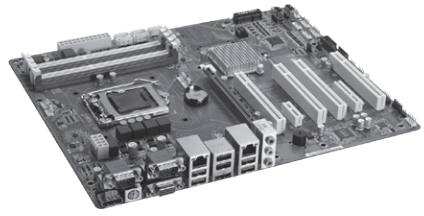
ATX Industrial Motherboard with LGA1150 Socket 4th Gen Intel® Core™ Processor, Intel® Q87, USB 3.0, SATA 3.0, Dual LANs, DisplayPort/VGA/HDMI and mSATA

Features

- LGA1150 socket 4th gen Intel® Core™ i7/i5/i3 and Celeron® processor (Haswell)
- 4 DDR3-1333/1600 DIMM, up to 32GB
- DisplayPort, HDMI, VGA with triple-view supported
- PCIe x16 Gen. 3 supported
- 5 SATA-600 with RAID 0/1/5/10
- 4 USB 3.0 ports
- Intel® AMT 9.0 supported



TripleView PCIe Mini USB 3.0 DDR3



▲ Side view

Core System

CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell)
System Memory	4 x 240-pin DDR3-1333/1600 DIMM, up to 32GB
Chipset	Intel® Q87
BIOS	AMI UEFI BIOS whit OA 3.0 built
SSD	N/A
Watchdog Timer	255 levels,1~255 sec.
Expansion Interface	1 x PCIe x16 Gen. 3 slots 1 x PCIe x4 Gen. 2 1 x PCIe x1 Gen. 2 4 x PCI 1 x mSATA
Battery	Lithium 3 V/220 mAH
Power Requirements	i7-4770S 3.1 GHz 8GB x 4 DDR3-1600, +12V @ 5.3A, -12V @ 0.1A, +5V @ 2.7A, +5VSB @ 0.2A, +3.3V @ 0.8A
Size	305 x 244 mm
Board Thickness	1.6 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1x PS/2 keyboard & mouse 4 x RS-232 (Internal box header) 2 x RS-232/422/485 (Rear IO)
SATA	5 x SATA-600 with RAID 0/1/5/10
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart Fan Control
Ethernet	1st port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM, iAMT with Intel® i210 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i217LM
Audio	HD Codec audio as MIC-in/Line-in/Line-out
USB	4 x USB 3.0 10 x USB 2.0 (2 in rear IO, 6 with pin header and 2 vertical type conn)
TPM	N/A
SMBus	N/A
Digital I/O	8 channels programmable

Display

Display Chipset	Intel® HD Integrated graphics
Memory Size	TBD
Display Interface	1 x DisplayPort 1 x HDMI 1 x VGA

Packing List

I/O Bracket

Ordering Information

Standard	
IMB211 (P/N: E38F211101)	ATX industrial motherboard with LGA1150 socket Intel® Core™ i7/i5/i3 & Celeron® USB 3.0, SATA 3.0, 2 GbE LANs, DisplayPort/VGA/HDMI and mSATA

Optional	
59460642100E	COM port cable, 5 x 2P, P=2.54 mm, L=300 mm
593826A000E	SATA signal cable, L=500 mm
594F2112100E	COM port DB9 to 5 x 2P P=2.54 L30cm w/BK
594F2112110E	COM port x 2 DB9 to 5 x 2P P=2.54 L30cm w/BK
593F2040300E	LPT cable w/bracket, P=2.54 mm, L=300 mm

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