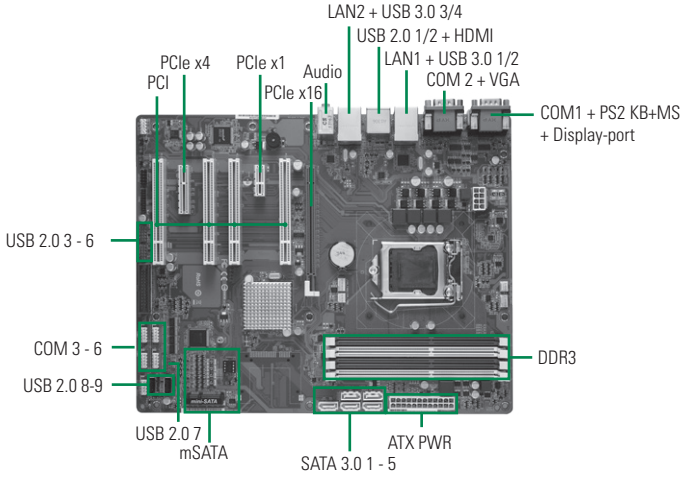
IMB211

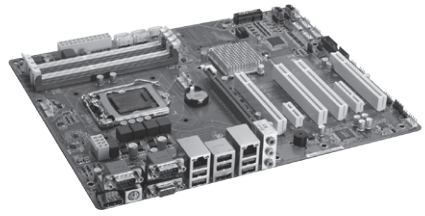
LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3 & Celeron® Processor ATX Industrial Motherboard with Intel® Q87, USB 3.0, SATA 3.0, Dual LAN, DP/VGA/HDMI and mSATA



TripleView | PCIe Mini | USB 3.0 | DDR3

Features

- LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 and Celeron® processor (Haswell)
- 4 DDR3-1333/1600 MHz max. up to 32 GB memory
- Triple View display: DP/VGA/HDMI
- PCIe x16 Gen. 3 supported
- 5 SATA-600 with RAID 0, 1, 5 and 10
- 4 USB 3.0 ports
- Intel® iAMT 9.0 supported



▲ Side view

System

CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell)
System Memory	4 x 240-pin DIMM support DDR3-1333/1600 max. up to 32 GB
Chipset	Intel® Q87
BIOS	AMI
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 3.1GHz 8 GB 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, 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 support 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)

I/O

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	LGA1150 socket Intel® Core™ i7/i5/i3 & Celeron® ATX industrial motherboard with USB 3.0, SATA 3.0, Dual GbE LAN, DisplayPort/VGA/HDMI and mSATA
Optional	
5946064210OE	COM Port Cable, 5X2P, P=2.54 mm, L=300 mm
593826A000E	SATA signal Cable, L=500 mm
594F2112100E	COM Port DB9 to 5x2P P=2.54 L30cm w/BK
594F2112110E	COM Portx2 DB9 to 5x2P P=2.54 L30cm w/BK
593F2040300E	LPT Cable w/bracket, P=2.54 mm, L=300 mm

* All specifications and photos are subject to change without notice.