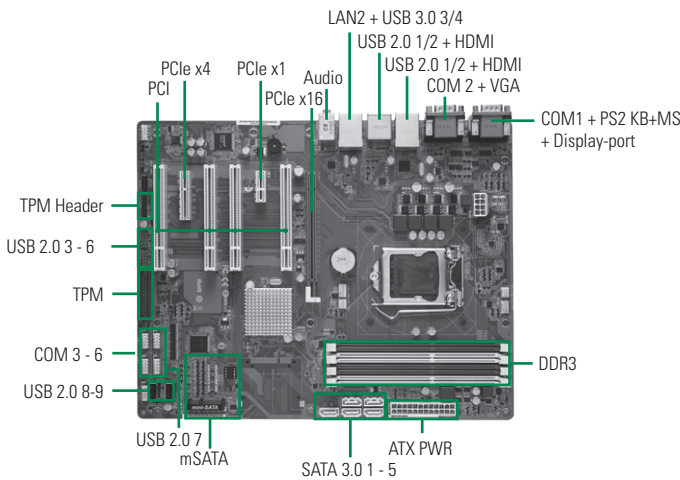


IMB211

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



System

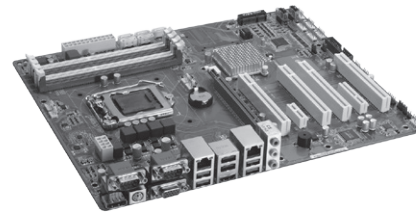
CPU	LGA1150 socket 4th Generation Intel® Core™ i7/ i5/ i3/ Celeron® processors
System Memory	4 x 240-pin DIMM support DDR3-1333/1600 max. up to 32 GB
Chipset	Intel® Q87 PCH
BIOS	AMI
SSD	N/A
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x16 Gen. 3 slots 1 x PCIe x4 Gen. 2 1 x PCIe x1 Gen. 2 4 x PCI 1 x mSATA
Battery	Lithium 3 V/220 mAH
Power Requirements	TBD
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® i210AT 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 ports 10 x USB 2.0 ports (2 in Rear IO, 6 with pin header and 2 vertical type conn)

Features

- LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3/ Celeron® processors (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 supported
- TPM header supported
- iAMT 9.0 supported



▲ Side view

I/O

TPM	TPM header
SMBus	N/A
Digital I/O	8 channels (4-IN & 4-OUT)

Display

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

Packing List

User's manual/utility CD, cable

Ordering Information

Standard	
IMB211	LGA1150 socket ATX industrial motherboard with Intel® Core™ i7/ i5/ i3/ Celeron®, USB 3.0, SATA3.0, Dual LAN, DisplayPort/VGA/HDMI and PCIe Mini Card