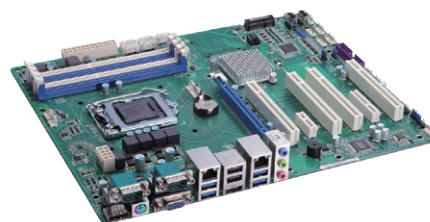
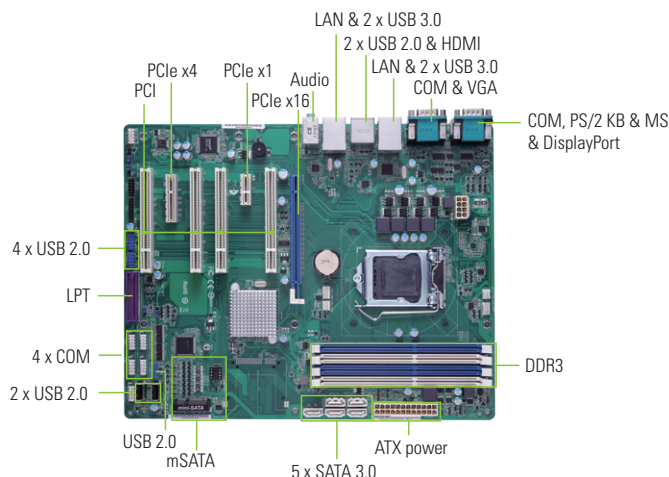


# IMB211

ATX 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 for up to 32GB of memory
- DisplayPort, HDMI and VGA with triple-view supported
- PCIe x16 Gen3 supported
- 5 SATA-600 with RAID 0/1/5/10
- 4 USB 3.0 ports
- Intel® AMT 9.0 supported



▲ 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 to 255 sec.
Expansion Interface	1 x PCIe x16 Gen3 slots 1 x PCIe x4 Gen2 1 x PCIe x1 Gen2 4 x PCI
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
Dimensions	305 x 244 mm
Board Thickness	1.6 mm
Operating Temperature	0°C to +60°C (32°F to 140°F)
Humidity	10% to 95% relative humidity, non-condensing

## I/O

SATA	5 x SATA-600 with RAID 0/1/5/10 1 x mSATA
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart Fan Control
Ethernet	1 x 10/100/1000 Mbps Ethernet with Intel® i217-LM; supports Wake-on-LAN, PXE Boot ROM, iAMT 1 x 10/100/1000 Mbps Ethernet with Intel® i210-LM; supports Wake-on-LAN, PXE Boot ROM
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 I/O, 6 with pin header and 2 vertical type connectors)
Serial	4 x RS-232 (internal box header) 2 x RS-232/422/485 (rear I/O) 1 x LPT header
PS/2 Combo Port	1x PS/2 keyboard & mouse
TPM	N/A
SMBus	N/A
Digital I/O	8-channel 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 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	
5938A808010E	2 x USB 2.0 cable with bracket, P=2.54 mm, L=190 mm
5938A808020E	2 x USB 2.0 cable with bracket, P=2.54 mm, L=400 mm
593826A0000E	SATA signal cable/red, L=500 mm
59380402010E	1 x COM port cable with bracket, P=2.54 mm, L=300 mm
59380703000E	2 x COM port cable with bracket, P=2.54 mm, L=300 mm
593F2040300E	LPT cable with bracket, P=2.54 mm, L=300 mm