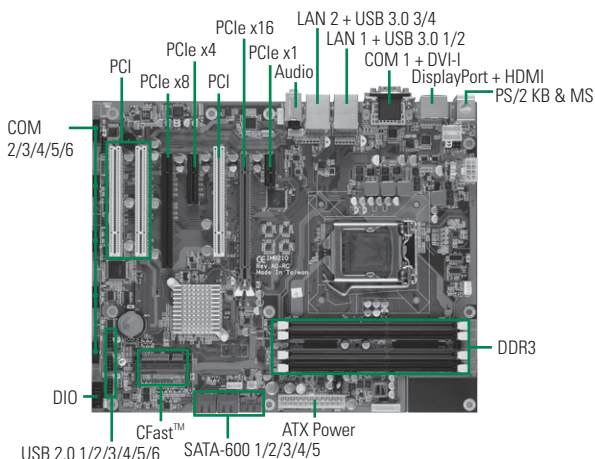


# IMB210

ATX Industrial Motherboard with LGA1150 Socket Intel® Xeon® E3-v3 Processor, Intel® C226, ECC DDR3, USB 3.0, SATA 3.0, Dual LANs, DisplayPort/DVI-I/HDMI and CFast™

## Features

- LGA1150 socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron® (Haswell/ Haswell Refresh)
- Intel® C226
- 4 DDR3-1333/1600 DIMM, up to 32GB
- DisplayPort, HDMI, DVI-I with triple-view supported
- PCIe x16 Gen. 3 supported
- 5 SATA-600 with RAID 0/1/5/10
- 4 USB 3.0 ports
- TPM 1.2 supported
- Intel® AMT 9.0 supported

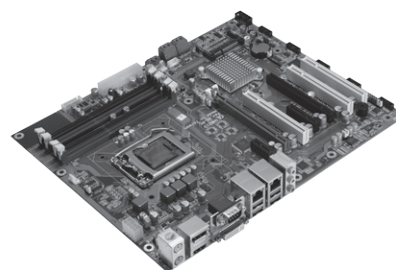


## Core System

CPU	LGA1150 socket 4th generation Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® and Celeron® processor (Haswell/ Haswell Refresh)
System Memory	4 x 240-pin DDR3-1333/1600 DIMM, up to 32GB
Chipset	Intel® C226
BIOS	AMI UEFI BIOS with OA 3.0 built
SSD	1 x CFast™
Watchdog Timer	255 levels
Expansion Interface	2 x PCIe x16 Gen. 3 slots (1 PCIe x16 or 2 PCIe x8 when use dual PCIe x8 concurrently ) 1 x PCIe x4 Gen. 2 1 x PCIe x1 Gen. 2 3 x PCI
Battery	Lithium 3 V/220 mAH
Power Requirements	E3-1275V3 3.5 GHz DDR3, 2GB 1333 +5V @ 1.7A, +12V @ 0.55A, +5V SBY @ 0.12A, +3.3V @ 0.73A
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	1 x PS/2 keyboard & mouse 5 x RS-232 (Internal box header) 1 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® i217LM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® i210AT
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC662 speaker-out with 1W/8ohm x 2
USB	4 x USB 3.0 6 x USB 2.0



▲ Side view

## I/O

TPM	Infineon SLB9635 for trusted platform
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	8 channels (4-IN & 4-OUT)

## Display

Display Chipset	Intel® HD Integrated Graphics
Memory Size	Max. up to 1.7GB
Display Interface	1 x DisplayPort 1 x HDMI 1 x DVI-I

## Packing List

User's manual/utility CD, cable

## Ordering Information

<b>Standard</b>	
IMB210 (P/N: E38F210100)	ATX industrial motherboard with LGA1150 socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron® (Haswell/ Haswell Refresh) ECC DDR3, USB 3.0, SATA3.0, 2 GbE LANs, DisplayPort/DVI-I/HDMI and CFast™