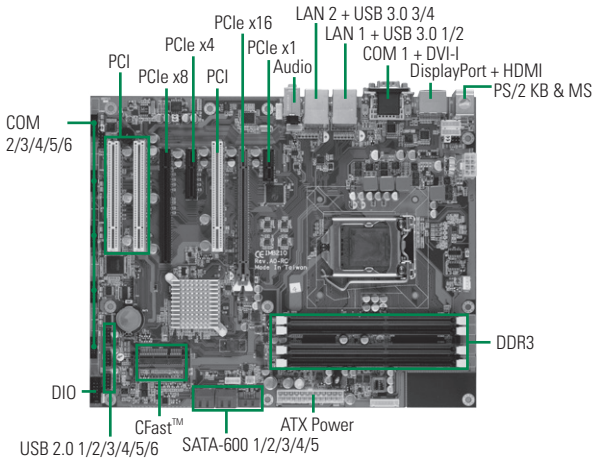


IMB210

ATX Industrial Motherboard with LGA1150 Socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron®, Intel® C226, ECC DDR3, USB 3.0, SATA 3.0, Dual LANs, DP/DVI-I/HDMI and CFast™



System

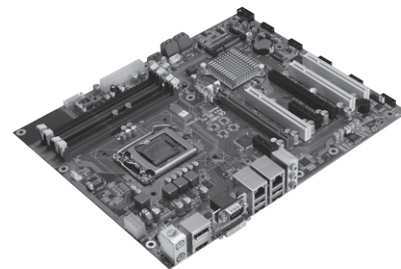
CPU	LGA1150 socket 4th generation Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® and Celeron® processor (Haswell/ Haswell Refresh)
System Memory	4 x 240-pin DIMM support ECC DDR3-1333/1600 max. up to 32 GB
Chipset	Intel® C226
BIOS	AMI UEFI BIOS with OA 3.0 built
SSD	1 x CFast™
Watchdog Timer	255 levels
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 3.5GHz 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, 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/Bohm x 2
USB	4 x USB 3.0 6 x USB 2.0

Features

- LGA1150 socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron® (Haswell/ Haswell Refresh)
- Intel® C226
- 4 DDR3-1333/1600 DIMM max. up to 32 GB
- 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



▲ 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 1.7 GB
Display Interface	1 x DisplayPort 1 x HDMI 1 x DVI-I

Packing List

User's manual/utility CD, cable

Ordering Information

Standard	
IMB210	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, dual GbE LANs, DP/DVI-I/HDMI and CFast™

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Embedded SBCs >PC/104

4 Industrial Motherboards

Slot CPU Cards

ARM Embedded Boards

Accessories

Appendix