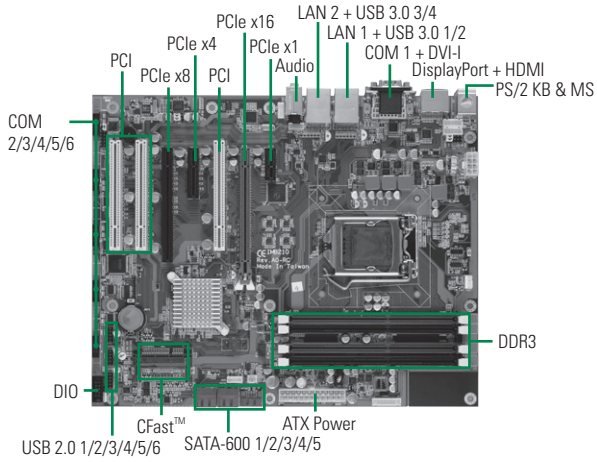
# IMB210

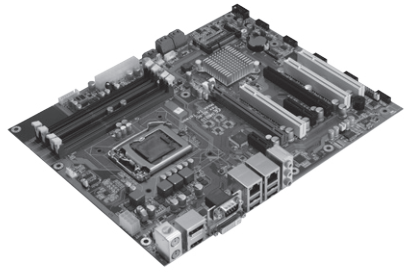
LGA1150 Socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron® ATX Industrial Motherboard with Intel® C226, ECC DDR3, USB 3.0, SATA 3.0, Dual LAN, DP/DVI-I/HDMI and CFast™




TripleView | CFast™ | USB 3.0 | DDR3

## Features

- LGA1150 socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron® (Haswell/ Haswell Refresh)
- Intel® C226
- 4 DDR3-1333/1600 MHz max. up to 32 GB memory capacity
- Triple view display: DP/DVI-I/HDMI
- PCIe x16 Gen. 3 supported
- 5 SATA-600 with RAID 0, 1, 5 and 10
- 4 USB 3.0 ports
- TPM 1.2 supported
- Intel® iAMT 9.0 supported



▲ Side view

## System

| | |
|---|---|
| CPU | LGA1150 socket 4th generation Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® and Celeron® processors (Haswell/ Haswell Refresh) |
| System Memory | 4 x 240-pin DIMM support<br>IMB210 supports 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<br>(1 PCIe x16 or 2 PCIe x8 when use dual PCIe x8 concurrently )<br>1 x PCIe x4 Gen. 2<br>1 x PCIe x1 Gen. 2<br>3 x PCI |
| Battery | Lithium 3 V/220 mAH |
| Power Requirements | E3-1275V3 3.5GHz DDR3, 2GB 1333<br>+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<br>1 x PS/2 mouse<br>5 x RS-232 (Internal box header)<br>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<br>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<br>speaker-out with 1W/8ohm x 2 |

## I/O

| | |
|---|---|
| USB | 4 x USB 3.0<br>6 x USB 2.0 |
| 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<br>1 x HDMI<br>1 x DVI-I |

## Packing List

User's manual/utility CD, cable

## Ordering Information

| Standard | |
|---|---|
| IMB210 | LGA1150 socket Intel® Xeon® E3-v3, Core™ i7/i5/i3, Pentium® & Celeron® (Haswell/ Haswell Refresh) ATX industrial motherboard with ECC DDR3, USB 3.0, SATA3.0, dual GbE LAN, DP/DVI-I/HDMI and CFast™ |




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