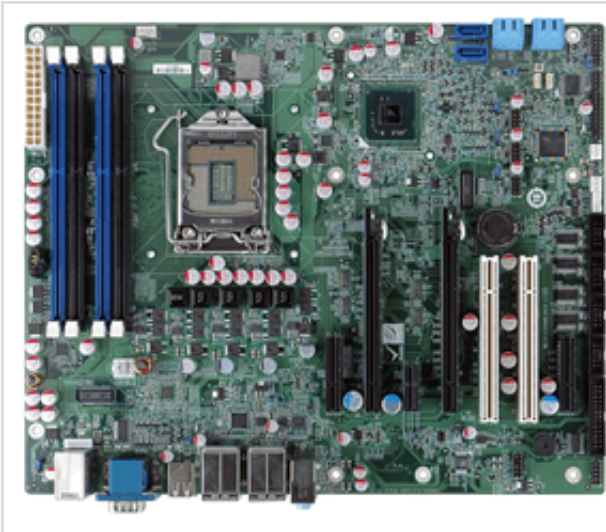


# IMBA-C2160

ATX motherboard supports 22nm LGA1155 Intel® Xeon® E3/Intel® Core™ i3 CPU with Intel® C216



## Features

- » LGA1155 Xeon® E3 and Intel® Core™ i3 processor supported
- » Dual-channel DDR3 1600/1333 MHz supports up to 32 GB
- » Intel® PCIe GbE with Intel® AMT 8.0 supported
- » Supports PCI Express generation 3.0 at 8GT/s I/O bandwidth
- » USB 3.0 and SATA 6Gb/s supported
- » High speed interface usage for two PCIe x8/two PCIe x4 add-on cards
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

|               |   |
|---------------|---|
| Display       | Display   |
| System        | CPU   |
| Chipset       | Intel® C216   |
| Memory Max.   | Four 240-pin 1600/1333MHz<br>dual-channel DDR3 SDRAM<br>ECC and non-ECC unbuffered<br>DIMMs supported (system max.<br>32GB)   |
| Storage       | 2 x SATA 6Gb/s (RAID 0/1/5/10 support)<br>4 x SATA 3Gb/s  |
| CPU Socket    | LGA1155   |
| I/O Interface | Ethernet  |
| Digital I/O   | 8-bit digital I/O (4-bit input/4-bit output)  |
| Audio         | Realtek ALC662 HD Audio Codec   |
| I/O Interface | 5 x RS-232<br>1 x RS-422/485<br>4 x USB 3.0<br>10 x USB 2.0<br>1 x LPT<br>1 x 4-pin wafer for SMBus<br>1 x 4-pin wafer for I <sup>2</sup> C<br>1 x PS/2 KB/MS<br>1 x 6-pin wafer for PS/2 KB/MS<br>1 x TPM connector (2x10 pin) |
| Power         | Power consumption   |
| Environment   | Operating Temperature   |

|                         |                          |
|-------------------------|--------------------------|
| Humidity                | 5% ~ 95%, non-condensing |
| Option                  | iRIS                     |
| Expansion Slots         | Expansion Slots          |
| FSB                     | FSB                      |
| Watchdog Timer          | Watchdog Timer           |
| CPU Cooler              | CPU Cooler               |
| I/O Interface           | I/O Interface            |
| 1 x Internal RS-422/485 |                          |
| 6 x Internal USB 2.0    |                          |
| 2 x LAN LED             |                          |
| 1 x LPT                 |                          |
| 1 x RS-422/485          |                          |
| 1 x SMBus               |                          |
| 4 x USB 2.0             |                          |
| 1 x I <sup>2</sup> C    |                          |
| 4 x USB 3.0             |                          |
| 1 x KB/MS               |                          |

## Ordering Information

|                |   |
|----------------|---|
| IMBA-C2160-R10 | ATX Motherboard supports 22nm LGA1155 Intel Xeon E3/ Intel Core i3 CPU per Intel C216,DDR3,VGA,Dual Intel PCIe GbE,USB 3.0,SATA 6Gb/s,HD Audio and RoHS |
|----------------|---|

## Packing List

|                                      |                   |
|--------------------------------------|-------------------|
| 1 x IMBA-C2160 single board computer | 4 x SATA cable    |
| 1 x Mini jumper pack                 | 1 x I/O shielding |
| 1 x QIG                              |                   |