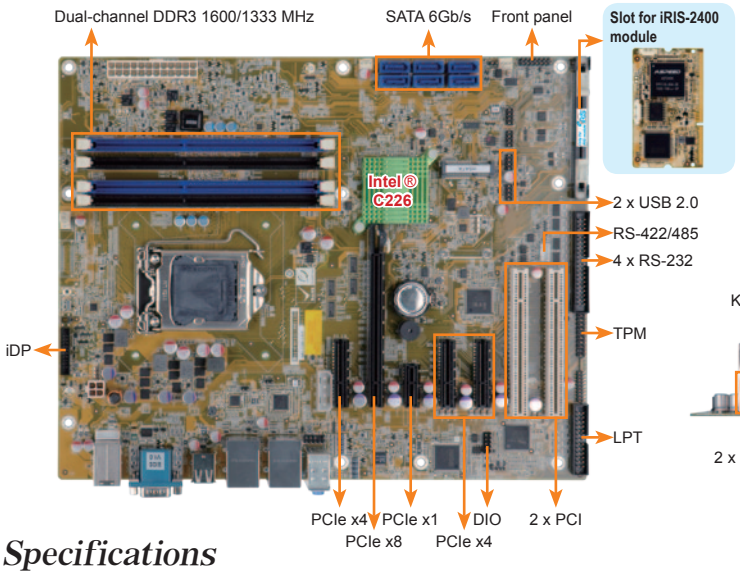
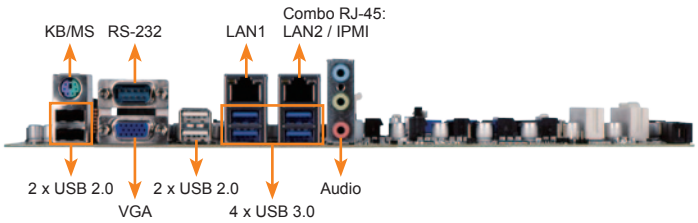
# IMBA-C2260-i2-R11

**ATX motherboard supports 22nm LGA1150 Intel® Xeon E3, Core™ i3, Pentium® and Celeron®, DDR3, VGA, dual Intel® PCIe GbE, USB 3.0, SATA 6Gb/s, iRIS-2400 and RoHS**




## Fully Jumper-less Support




IPMI 2.0 Compliant | One Key Recovery | Native PCIe Gen.3

DDR3 1600 | Jumper-less | USB 3.0 | SATA 6Gb/s | PCIe GbE | mSATA

## Specifications

- CPU
  LGA1150 Intel® Xeon® E3, Core™ i3, Pentium® or Celeron® processor supported
- System Chipset
  Intel® C226
- Memory
  Four 240-pin 1600/1333 MHz dual-channel DDR3 & DDR3L SDRAM ECC and non-ECC unbuffered DIMMs support up to 32 GB
- BIOS
  UEFI BIOS
- Ethernet
  LAN1: Intel® I217LM with Intel® AMT 9.0 support
  LAN2: Intel® I210-AT PCIe controller with NCSI support
- Graphics Engine
  Intel® HD Graphics Gen 7.5 supports DX11.1 and OpenCL 1.2, OpenGL 3.2
  Full MPEG2, VC1, AVC Decode
- Display Output
  VGA (up to 1920x1200@60 Hz)
  iDP interface for HDMI, LVDS, VGA, DVI, DP (up to 3840x2160@60 Hz)
- Audio
  Realtek ALC662 HD codec supports 5.1-channel
  3 x Audio jacks (line-out, line-in, mic-in) on rear IO
  1 x Front audio (2x5 pin)
- External I/O Interface
  1 x KB/MS
  1 x RS-232
  4 x USB 2.0
  4 x USB 3.0
- Internal I/O Interface
  1 x KB/MS (1x6 pin)
  1 x LPT (2x13 pin, P=2.54)
  1 x mSATA (colay SATA 6)
  6 x SATA 6Gb/s (RAID 0/1/5/10 support)
  1 x RS-422/485 (1x4 pin, P=2.00)
  4 x RS-232 (2x20 pin, P=2.54)
  4 x USB 2.0 (2x4 pin,P=2.54)
- Front Panel
  1 x Front panel (2x7 pin, power LED, HDD LED, speaker, power button, reset button)
- LAN LED
  2 x LAN LED (1x2 pin)
- TPM
  1 x TPM connector (2x10 pin)
- SMBus
  1 x SMBus (1x4 pin)
- I²C
  1 x I²C (1x4 pin)
- iRIS Remote Management Module: 1 x iRIS-2400 slot
- Expansion
  1 x PCIe x16 slot
  3 x PCIe x4 slot (support PCIe x1)
  Default setting: 1 x PCIe x8 Gen 3 + 2 x PCIe x4 Gen 3 signal
  Optional setting: 1 x PCIe x16 Gen 3 by BIOS setting
  1 x PCIe x1 slot
  2 x PCI slot
- Watchdog Timer: Software programmable, support 1~255 sec. system reset
- Digital I/O: 8-bit digital I/O (2x5 pin)
- Fan Connector
  1 x CPU fan (1x4 pin)
  2 x System fan (1x3 pin)
- Power Supply: ATX power supply
- Power Consumption
  3.3V@0.57A, 5V@4.50A, 12V@0.14A, Vcore_12V@5.20A, 5VSB@0.19A
  (Intel® E3-1240 v3 3.4GHz CPU with 16 GB (4x4 GB) 1333 MHz DDR3 memory)
- Operating Temperature: -20°C ~ 60°C
- Storage Temperature: -30°C ~ 70°C
- Operating Humidity: 5% ~ 95%, non-condensing
- Dimensions: 244mm x 305mm
- Weight: GW:1200g, NW: 700g

## Features

1. LGA1150 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processor supported
2. Dual-channel DDR3 1600/1333 MHz support up to 32 GB
3. Intel® PCIe GbE with Intel® AMT 9.0 support
4. Support PCI Express generation 3.0 at 8GT/s I/O bandwidth
5. USB 3.0, SATA 6Gb/s and mSATA supported
6. High-speed interface for one PCIe x8 or two PCIe x4 add-on cards
7. IEI jumper-less function
8. IEI One Key Recovery solution allows you to create rapid OS backup and recovery
9. Support IPMI 2.0 via iRIS-2400 module

## Packing List

| | |
|---|---|
| 1 x IMBA-C2260-i2 single board computer | |
| 1 x I/O shielding | 1 x Utility CD |
| 2 x SATA cable | 1 x QIG |

## Ordering Information

| Part No. | Description |
|---|---|
| IMBA-C2260-i2-R11 | ATX motherboard supports 22nm LGA1150 Intel® Xeon E3, Core™ i3, Pentium® and Celeron® per Intel® C226, DDR3, VGA, Dual Intel® PCIe GbE, four USB 3.0, six SATA 6Gb/s, HD Audio, iRIS-2400 and RoHS |
| iRIS-2400-R10 | IPMI 2.0 adapter card with AST2400 BMC chip for DDR3 SO-DIMM socket interface |
| 19800-000049-RS | LPT cable |
| 19800-000075-RS | PS/2 KB/MS Y-cable with bracket, 220mm |
| 19800-003100-300-RS | Dual-port USB cable with bracket |
| 19800-010500-200-RS | USB 3.0 cable 457mm with bracket |
| 32102-000100-200-RS | SATA power cable, MOLEX 5264-4P to SATA15P |
| 32205-001203-200-RS | RS-232 cable, 40-pin to four DB-9 |
| 32205-003800-300-RS | RS-422/485 cable, 200mm |
| CF-1156A-RS-R11 | High performance LGA1155/LGA1156 cooler kit, 1U chassis compatible, 73W |
| CF-1156E-R11 | High performance LGA1155/LGA1156 cooler kit, 95W |
| DP-DP-R10 | DisplayPort to DisplayPort converter board (for IEI iDP connector) |
| DP-DVI-R10 | DisplayPort to DVI-D converter board (for IEI iDP connector) |
| DP-HDMI-R10 | DisplayPort to HDMI converter board (for IEI iDP connector) |
| DP-LVDS-R10 | DisplayPort to 24-bit dual-channel LVDS converter board (for IEI iDP connector) |
| DP-VGA-R10 | DisplayPort to VGA converter board (for IEI iDP connector) |
| TPM-IN01-R11 | 20-pin Infineon TPM module, software management tool, firmware v3.17 |