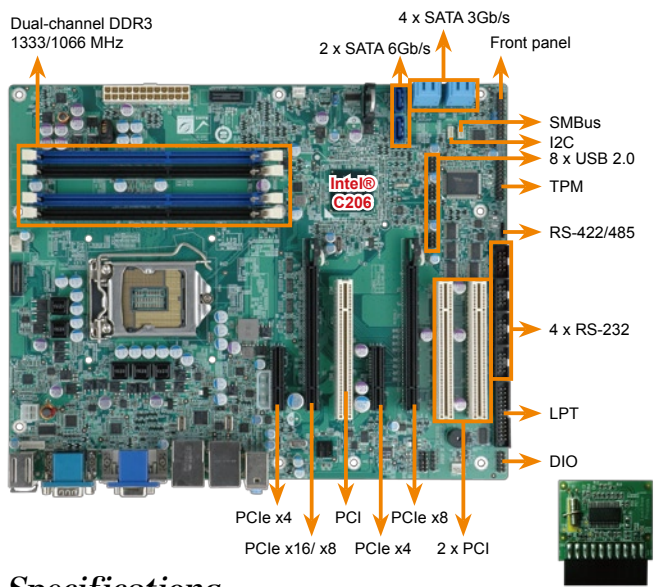


# IMBA-C2060

ATX Motherboard supports 32nm LGA1155 Intel® Xeon® and Intel® Core™ i3 CPU per Intel® C206, DDR3, VGA/DVI/HDMI, Dual Intel® PCIe GbE, 2 USB 3.0, 2 SATA 6Gb/s, Audio and RoHS

**New**



TPM 1.2 Support

## Specifications

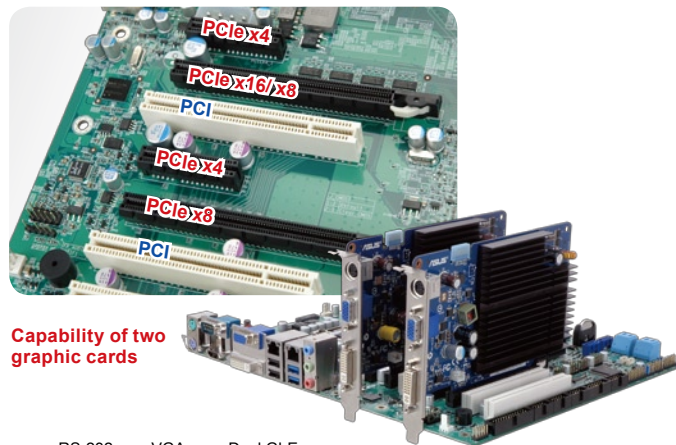
- ◆ CPU  
LGA1155 socket supports Intel® Xeon®/ Core™ i3 Quad/ Dual core processor
- ◆ System Chipset  
Intel® C206
- ◆ Memory  
Four 240-pin 1333/1066MHz dual-channel DDR3 SDRAM ECC Registered and non-ECC Unbuffered DIMM supported (system max. 32GB)
- ◆ BIOS  
UEFI BIOS
- ◆ Ethernet  
Intel® 82583V PCIe controller, Intel® 82579 PHY with Intel® AMT 7.0 supported
- ◆ Graphic Engine  
Support for DX10.1 and OpenGL3.0, Full MPEG2, VC1, AVC Decode
- ◆ Display Output  
VGA Integrated in the Intel® C206  
HDMI Integrated in the Intel® C206  
DVI-D Integrated in the Intel® C206
- ◆ Super I/O  
Fintek F81866
- ◆ Audio  
Realtek ALC888 HD Audio codec (Line-in, Line-out, Mic)
- ◆ I/O Interface  
5 x RS-232  
1 x LPT  
2 x SATA 6Gb/s  
2 x USB 3.0 by NEC D7200F1
- ◆ Front Audio  
2 x 5-pin pin header
- ◆ TPM  
2 x 10-pin pin header
- ◆ SMBus  
1 x 4 pin wafer
- ◆ I2C  
1 x 4 pin wafer
- ◆ Expansion  
1 x PCIe x16/ x8 slot  
2 x PCIe x4 slots

- 1 x RS-422/485
- 4 x SATA 3Gb/s
- 1 x PS/2 KB/MS
- 10 x USB 2.0 (2 by Rear IO, 8 by pin header)

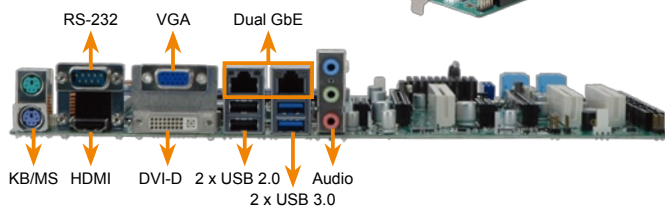
PCIe and PCI slot combination table				
Slot	PCIe x16	PCIe x8	PCIe x4	PCI
Configuration 1	1	N/A	2	3
Configuration 2	N/A	2	2	3
Configuration 3	N/A	1	2	3

- ◆ Watchdog Timer  
Software programmable support 1~255 sec. system reset
- ◆ Digital I/O  
8-bit Digital I/O (4-bit input, 4-bit output)
- ◆ Fan connector  
1 x 4-pin CPU Fan connector  
2 x 3-pin system Fan connector
- ◆ Power Supply  
ATX power supply
- ◆ Power Consumption  
3.3V@1.65A, 5V@6.31A, 12V@0.18A, Vcore@7.88A, 5VSb@0.15  
(Intel® Core™ i5-2400 3.10GHz CPU with 1333MHz DDR3 4GB x 4 memory)
- ◆ Operating Temperature  
-10°C ~ 60°C
- ◆ Operating Humidity  
5% ~95%, non-condensing
- ◆ Dimensions  
244mm x 305mm
- ◆ Weight  
GW:1200g, NW: 700g

The two PCIe x8 bifurcation feature of IMBA-C2060 can support two I/O interface cards, two graphic cards or both one graphic card and one I/O interface card.



Capability of two graphic cards



## Features

1. LGA1155 Intel® Xeon® and Intel® Core™ i3 processor supported
2. Dual-channel DDR3 1333MHz supports up to 32GB
3. Intel® PCIe GbE with Intel® AMT 7.0 supported
4. High speed graphic interface for two PCIe x8/ two PCIe x4 add-on cards, USB 3.0 and SATA 6Gb/s supported
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Packing List

1 x IMBA-C2060 Single Board Computer	
1 x I/O shielding (P/N: 45014-0028CO-01-RS)	
4 x SATA cable (P/N: 32000-062800-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
IMBA-C2060-R10	ATX Motherboard supports 32nm LGA1155 Intel® Xeon® and Intel® Core™ i3 CPU per Intel® C206, DDR3, VGA/DVI/HDMI, Dual Intel® PCIe GbE, 2 USB 3.0, 2 SATA III, Audio and RoHS
CB-USB02-RS	Dual ports USB cable with bracket
32102-000100-200-RS	SATA power cable
32200-074800-RS	RS-422/485 cable, 200mm
CF-1156A-RS	High performance LGA1155/LGA1156 cooling kit, 1U chassis compatible, 73W
CF-1156B-RS	High performance LGA1155/LGA1156 cooling kit, 95W
19800-000049-RS	LPT cable
19800-000051-RS	RS-232 cable, 230mm
TPM-IN01-R11	20-Pin Infineon TPM module, software management tool, firmware V3.17

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 Industrial Data Collector and Controller

5 Panel Solutions Introduction

6 ORing Network Communication

7 Power Supply/ Peripherals