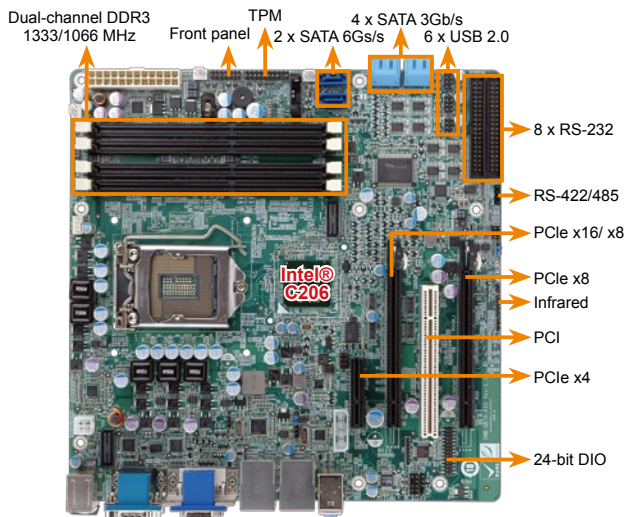


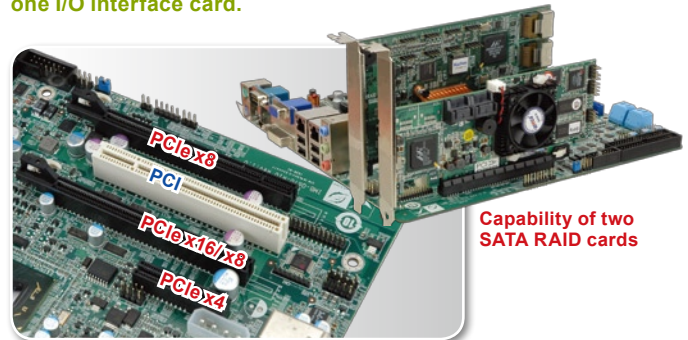
# IMB-C2060

Micro 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, 10 COM, 2 SATA 6Gb/s, Audio and RoHS

**New**



The two PCIe x8 interfaces of the IMB-C2060 can support two I/O interface cards, two graphic cards or one graphic card and one I/O interface card.



## 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
 

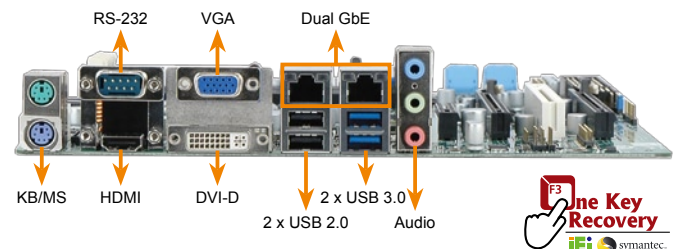
9 x RS-232	1 x RS-422/485
4 x SATA 3Gb/s	2 x SATA 6Gb/s
1 x PS/2 KB/MS	2 x USB 3.0 by NEC D720200F1
10 x USB 2.0 (2 by Rear IO, 8 by pin header)	
- ◆ Front Audio  
2 x 5-pin pin header
- ◆ TPM  
2 x 10-pin pin header
- ◆ SMBus  
1 x 4-pin wafer
- ◆ Expansion
 

1 x PCIe x16/ x8 slot	1 x PCIe x16 slot (with x8 signal)
1 x PCIe x4 slot	1 x PCI slot

PCIe and PCI slot combination table

Slot	PCIe x16	PCIe x8	PCIe x4	PCI
Configuration 1	1	N/A	1	1
Configuration 2	N/A	2	1	1
Configuration 3	N/A	1	1	1

- ◆ Watchdog Timer  
Software Programmable support 1~255 sec system reset
- ◆ Digital I/O  
24-bit Digital I/O (12-bit input, 12-bit output)
- ◆ Fan connector  
1 x 4-pin CPU fan connector  
1 x 3-pin NB fan connector  
2 x 3-pin system fan connector
- ◆ Power Supply  
ATX Power Supply
- ◆ Power Consumption  
3.3V@1.75A, 5V@6.61A, 12V@3.68A, 12V@0.09A, 5VSb@0.12 (Intel® 2.60GHz CPU with 1333MHz DDR3 4GB x 4 memory)
- ◆ Operating Temperature  
-10°C ~ 60°C
- ◆ Operating Humidity  
5% ~95%, non-condensing
- ◆ Dimensions  
244mm x 244mm
- ◆ Weight  
GW: 1200g / NW: 680g



## 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 I/O interface for two PCIe x8/ two PCIe x4 add-on card, 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 IMB-C2060 single board computer	
1 x I/O shielding (P/N: 45014-0028C0-01-RS)	
2 x Quad ports RS-232 cable with bracket (P/N: 32205-001203-100-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
IMB-C2060-R10	Micro 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, 10 COM, 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
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