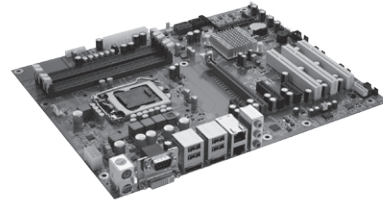
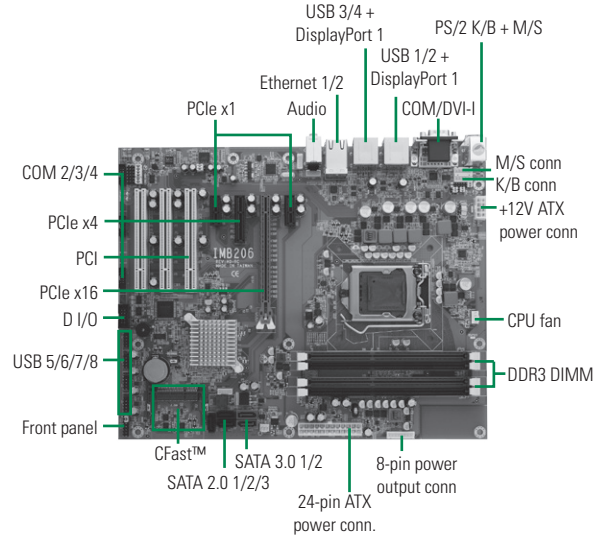


# IMB206

ATX Industrial Motherboard with LGA1155 Socket 2nd Gen Intel® Core™ Processor, Intel® Q67, DVI-I/DisplayPort, Dual LANs and CFAST™

## Features

- LGA1155 socket 2nd gen Intel® Core™ i7/i5/i3 & Celeron® processor (Sandy Bridge)
- 4 DDR3-1066/1333 DIMM, up to 16GB
- 2 DisplayPort and 1 DVI-I with dual-view supported
- PCIe Gen. 2
- 2 SATA-600, 3 SATA-300 with RAID 0/1/5/10
- 12 USB 2.0 ports
- TPM supported
- Intel® AMT 7.0 supported



▲ Side view



## Core System

CPU	LGA1155 socket for 2nd generation Intel® Core™ i7/i5/i3 & Celeron® processors (Sandy Bridge)
System Memory	4 x 240-pin DDR3-1066/1333 DIMM, up to 16GB
Chipset	Intel® Q67 PCH
BIOS	AMI UEFI BIOS with OA 3.0 built
SSD	1 x CFAST™
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x PCIe x16 Gen. 2 (slot 2) 1 x PCIe x4 Gen. 2 2 x PCIe x1 Gen. 2 3 x PCI
Battery	Lithium 3 V/220 mAH
Power Requirements	Intel® quad core CPU, 8GB DDR3, Max. RMS 12V @ 2.4A, +5V @ 1.6A, +3V @ 1.6A, 5V_SB @ 0.2A.
Size	305 x 244 mm
Board Thickness	1.6 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	1 x PS/2 keyboard & mouse 3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1)
SATA	2 x SATA-600 3 x SATA-300 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® 82579LM 2nd port as 10/100/1000 Mbps supports Wake-on-LAN, PXE Boot ROM with Intel® 82583V
Audio	HD Codec audio as MIC-in/Line-in/Line-out with Realtek ALC662 speaker-out with 1W/8ohm x 2
USB	12 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

Chipset	Intel® HD 2000/3000 graphics
Memory Size	Max. 1.7GB
Display Interface	2 x DisplayPort 1 x DVI-I

## Packing List

Standard		
User's manual/utility CD, cable		
Cable		
Part Number	Description	Qty
593826A0000E	SATA signal cable 500mm	1
59380502000E	COM+printer cable w/ braket	1

## Ordering Information

Standard	
IMB206DGGGA (P/N: E38F206100)	ATX industrial motherboard with LGA1155 socket Intel® Core™ i7/i5/i3 & Celeron®, Intel® Q67, DisplayPort/DVI-I, 2 GbE LANs, 4 COM, RAID and HD audio

\* Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

