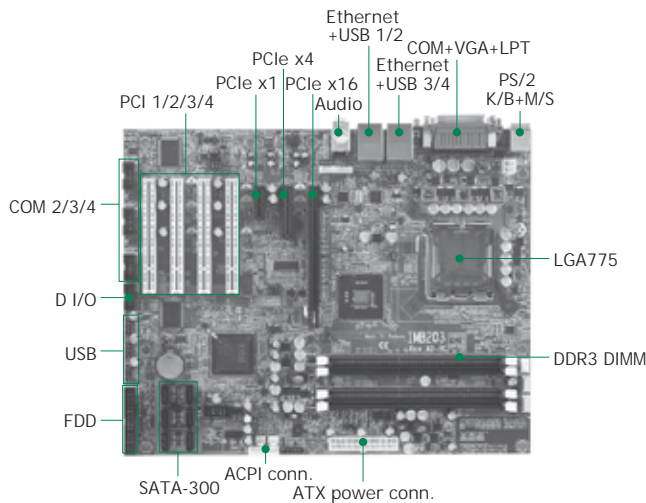


# IMB203

LGA775 Intel® Core™2 Quad ATX Industrial Motherboard with Intel® Q45+ICH10DO Chipset, iAMT, iTPM and RAID

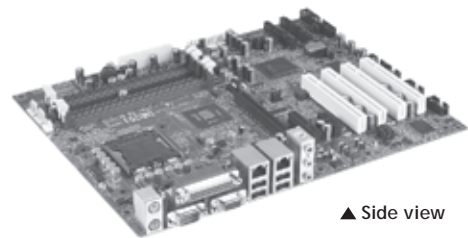


LGA775
Intel® Q45
4 DDR3
12 USB 2.0
4 PCI
iAMT
USB DoM
iAMT & TPM
RAID 0,1,10,5



## Features

- LGA775 for Intel® Core™2 Quad/Core™2 Duo/Celeron® processor with 800/1066/1333 MHz MT/s
- 4 DDR3-800/1066 DIMM support up to 8GB
- Intel® Gen 5 high performance integrated graphics controller with DX10 and OpenGL 2.1
- RAID 0, 1, 10 and 5
- Intel® iAMT & iTPM supported
- Supports x16 PCI Express 2.0



▲ Side view

## System

CPU	LGA775 socket for Intel® Core™2 Quad/Core™2 Duo/Celeron® processor with 800/1066/1333 MHz MT/s
System Memory	4 x 240-pin DDR3-800/1066 DIMM max. up to 8GB
Chipset	Intel® Q45+ICH10DO
BIOS	AMI BIOS
SSD	USB DoM
Watchdog Timer	255 levels, 0-255 sec.
Expansion Interface	1 x PCIe x16 1 x PCIe x4 (default setting) 1 x PCIe x1 (refer to user's manual for setting) 4 x PCI slot
Battery	Lithium 3V/196mAh
Size	305 x 244mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

## I/O

MIO	1 x FDD (optional; w/o AMT function) 1 x PS/2 keyboard 1 x PS/2 mouse 3 x RS-232 (COM 2/3/4); with +5V/+12V powered 1 x RS-232/422/485 (COM 1) ; with +5V/+12V powered
SATA	6 x SATA-300 with RAID 0/1/10/5
Hardware Monitoring	Support CPU/system temperature, CPU/system voltage, and CPU/system Fan features
Ethernet	* 1st port as 10/100/1000 Mbps supports Wake-on-LAN with Intel 82574L * 2nd port as 10/100/1000 Mbps supports iAMT, Wake-on-LAN with Intel 82567LM
Audio	HD Codec audio as MIC-in/ Line-out/ Speaker-out with Realtek ALC888
USB	12 x USB 2.0; 4 ports on the rear I/O, 8 ports with pin-headers
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	8 channel IN/OUT

## Display

Chipset	Intel® Q45 GMCH 4500 integrated graphics engine; support Microsoft DirectX 10 & OpenGL 2.1
Memory Size	Max. up to 256MB frame buffer dedicated memory & DVMT up to 352MB
Resolution	* VGA up to 2048 x 1536 @ 60 Hz with 32-bit color * SDVO each ports up to 1920 x 1200 @ 60 Hz
Output Interface	VGA with D-Sub 15-pin connector

## Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	IMB203VGGA Qty
59380502000E	COM + Print cable w/ bracket	1
593826A0000E	SATA signal cable 500mm	1

## Ordering Information

Standard	
IMB203VGGA	LGA775 socket ATX industrial M/B with VGA, (P/N: E38F203100) 2 10/100/1000Mbps, audio, iAMT, iTPM and RAID
Optional	
593836A00030E	4-pin power cable to SATA x 2 L=150mm
5938A808010E	2 x USB port cable L=190mm