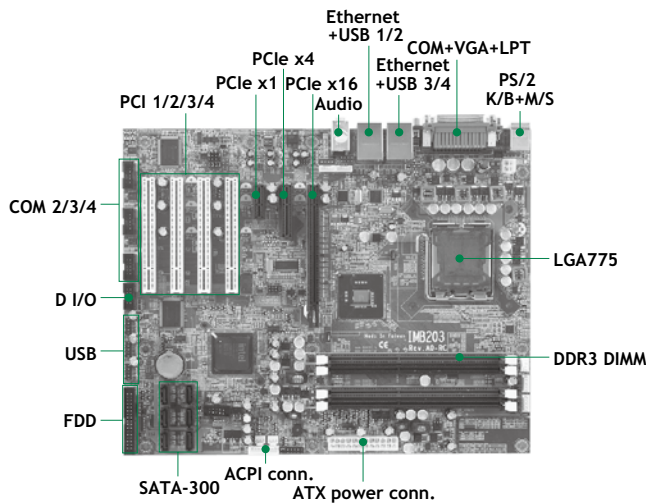


IMB203

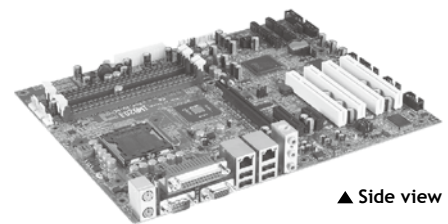
LGA775 Intel® Core™2 Duo ATX Industrial Motherboard with Intel® Q45 + ICH10DO Chipset, iAMT, iTPM and RAID



- 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 Duo/Celeron® processor with 800/1066/1333 MHz MT/s
- Intel® Q45 + ICH10DO chipset
- 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® AMT & TPM supported
- Supports x16 PCI Express 2.0



▲ Side view

System

CPU	LGA775 socket for Intel® Core™2 Duo/Celeron® processors with FSB 800/1066/1333 MHz
System Memory	4 x 240-pin DIMM supports DDR3-800/1066 max up to 16GB
Chipset	Intel® Q45 + ICH10DO
BIOS	AMI
SSD	1 x USB DoM
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x16 1 x PCIe x4 (default) 1 x PCIe x1 (refer to user's manual for setting) 4 x PCI
Battery	Lithium 3V/220 mAH
Size	305 x 244 mm
Temperature	0°C ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	1 x LPT; with SPP/EPP/ECP supported 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) 1 x RS-232/422/485 (COM 1)
SATA	6 x SATA-300 with RAID 0/1/10/5
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	1 st port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82574L 2 nd port as 10/100/1000Mbps supports iAMT, Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82567LM
Audio	HD Codec audio as MIC-in/Line-in/Line-out/speaker-out with Realtek ALC888
USB	12 x USB 2.0 ports
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	8 channels IN/OUT programmable

Display

Chipset	Intel® GMA X4500 graphics Core
Memory Size	Intel® DVMT 5.0 compliant
Display Interface	1 x VGA

Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	IMB203VGGA Qty
593826A0000E	SATA signal cable 500mm	1
59380402010E	COM port cable w/ bracket	1

Ordering Information

Standard	
IMB203VGGA	LGA775 socket ATX industrial M/B with VGA, (P/N: E38F203100) 2 10/100/1000Mbps, audio, iAMT, TPM and RAID
Optional	
593836A0030E	4-pin power cable to SATA x 2, L=150mm
5938A808010E	2 x USB port cable, L=190mm

SBC Services and Solutions

System on Modules

Embedded SBCs > EPIC

Embedded SBCs > 3.5" Capa

Embedded SBCs > Pico-ITX

Embedded SBCs > PC/104

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix