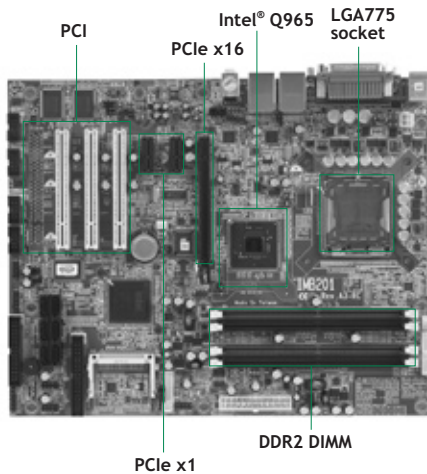


# IMB201

LGA775 Intel® Core™2 Duo ATX Industrial Motherboard with Intel® Q965+ICH8 Chipset, Dual LANs and Audio



LGA775
Intel® Q965
RS-232/422/485
HD Audio
3 PCI
1 PCIe x16
USB DoM



## Features

- LGA775 for Intel® Core™2 Duo/Pentium® D/ Pentium® 4/Celeron® processor with 533/800/1066 MT/s
- Intel® Q965+ICH8/ICH8-DO chipset
- 4 DDR2-533/667/800 DIMM support up to 8GB
- 4 Serial ATA ports support data transfer rate up to 3Gb/s



▲ Side view

## System

CPU	LGA775 socket for Intel® Core™2 Duo/Pentium® D/ Pentium® 4/Celeron® processor with 533/800/1066 MHz MT/s
System Memory	4 x 240-pin DDR2-533/667/800 DIMM max. up to 8GB
Chipset	Intel® Q965+ICH8/ICH8-DO
BIOS	Phoenix-Award BIOS
SSD	1 x CompactFlash™ type-II (optional)
Watchdog Timer	255 levels, 0-255 sec.
Expansion Interface	1 x PCIe x16 2 x PCIe x1 4 x PCI slot (for IMB201VGGA-L only)
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

## Display

Chipset	Intel® Q965 GMCH GMA3000 integrated graphics engine
Memory Size	Max. up to 256MB frame buffer dedicated memory & DVMT up to 256MB
Resolution	* VGA up to 2048 x 1536 @ 75 Hz with 32-bit color * SDVO each ports up to 1920 x 1200 @ 60 Hz
Output Interface	VGA with D-Sub 15-pin connector

## I/O

MIO	1 x IDE; PATA-100 (optional) 1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 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	4 x SATA-300 (6 ports and RAID 0/1/10/5 optional supported by IMB201VGGA-L only)
Hardware Monitoring	Support CPU/system temperature, CPU/system voltage, and CPU/system Fan features
Ethernet	2 ports as 10/100/1000 Mbps supports Wake-on-LAN with Realtek RTL8111B
Audio	HD Codec audio as MIC-in/ Line-out/ Speaker-out with Realtek ALC888
USB	10 USB 2.0; 4 ports on the rear I/O, 6 ports with pin-headers
Firewire	2 x IEEE 1394a ports (optional supported by IMB201VGGA-L only)
SMBus	N/A
Digital I/O	8 channel IN/OUT

## Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	IMB201VGGA-L Qty
59380402010E	COM port cable w/ bracket	1
593826A0000E	SATA signal cable 500mm	1

## Ordering Information

Standard	
IMB201VGGA-L (P/N: E38F201104)	LGA775 socket ATX industrial M/B with VGA, 2 10/100/1000Mbps, audio and 4 SATA
Optional	
IMB201VGGA-L (P/N: E38F201100)	LGA775 ATX industrial M/B with VGA, 2 10/100/1000Mbps, audio, 6 SATA, RAID and firewire
593836A0030E	4-pin power cable to SATA x 2 L=150mm
5938A808010E	2 x USB port cable L=190mm