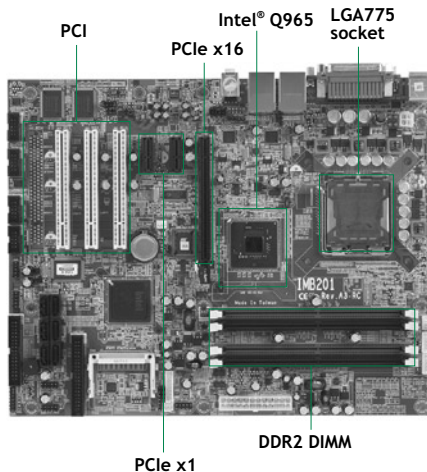


# IMB201

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



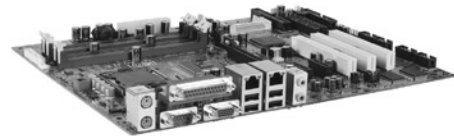
LGA775
Intel® Q965
RS-232/422/485
HD Audio
3 PCI
1 PCIe x16
USB DoM

## Features



DualView

- LGA775 for Intel® Core™2 Duo/ Pentium® D/ Pentium® 4/ Celeron® processor with 533/800/1066 MHz
- Intel® Q965 + ICH8/ICH8DO chipset
- 4 DDR2-533/667/800 DIMM support up to 8 GB
- 4 Serial ATAports support data transfer rate up to 3Gb/s (6 ports with RAID for optional)



▲ Side view

## System

CPU	LGA775 socket for Intel® Core™2 Duo/ Pentium® 4/ Pentium® / Celeron® D processors with FSB 533/800/1066 MHz
System Memory	4 x 240-pin DIMM support DDR2-533/667/800 max. up to 8 GB
Chipset	Intel® Q965 + ICH8/ICH8DO
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II (optional)
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x16 2 x PCIe x1 4 x PCI (for IMB201VGGGA-L only)
Battery	Lithium 3V/220 mAh
Power Requirements	Intel® Core™2 Duo E8400 3.0 GHz, 1GB DDR2 Max. RMS: +5V_SBY @ 0.042A, +3.3V @ 1.948A, +5V @ 3.21A, +12V @ 2.297A, -12V @ 0.062A
Size	305 x 244 mm
Board Thickness	1.6 mm
Temperature	0°C - +60°C (32°F - 140°F), operation
Relative Humidity	10% - 95% relative humidity, non-condensing

## 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) 1 x RS-232/422/485 (COM 1)
SATA	4 x SATA-300 (6 ports with RAID 0/1/10/5 for IMBVGGAF only)
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 ports as 10/100/1000Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111B
Audio	HD Codec audio as MIC-in/ Line-out/ Speaker-out with Realtek ALC888
USB	10 x USB 2.0
Firewire	2 x IEEE 1394a (optional for IMB201VGGAF only)
SMBus	N/A
Digital I/O	8 channels IN/OUT programmable

## Display

Chipset	Intel® GMA X3000 graphics Core
Memory Size	Intel® DVM T 4.0 compliant
Display Interface	1 x VGA

## Packing List

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

## Ordering Information

Standard	
IMB201VGGGA-L	LGA775 socket ATX industrial M/B with VGA, (P/N: E38F201104) 2 10/100/1000Mbps Ethernet, audio and 4 SATA
Optional	
IMB201VGGAF	LGA775 ATX industrial M/B with VGA, (P/N: E38F201100) 2 10/100/1000Mbps Ethernet, 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