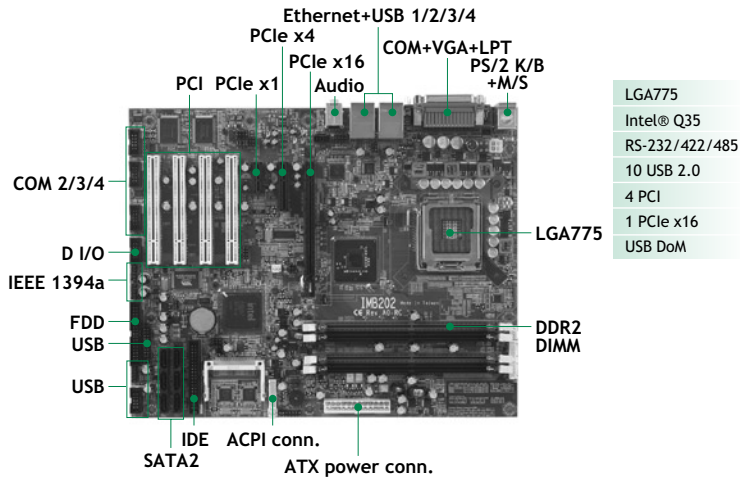


IMB202

LGA775 Intel® Core™2 Quad ATX Industrial Motherboard with Intel® Q35 + ICH9DO Chipset, Dual LANs and Audio



LGA775
Intel® Q35
RS-232/422/485
10 USB 2.0
4 PCI
1 PCIe x16
USB DoM

Features



DualView

- LGA775 for Intel® Core™2 Quad/ Core™2 Duo/ Celeron® processor with 800/1066/1333 MHz
- Intel® Q35 + ICH9-DO chipset
- 4 DDR2-533/667/800 DIMM support up to 8 GB
- 6 Serial ATA ports support data transfer rate up to 3Gb/s with RAID 0, 1, 10 and 5



▲ Side view

System

CPU	LGA775 socket for Intel® Core™2 Quad/ Core™2 Duo/ Celeron® processors with FSB 800/1066/1333 MHz
System Memory	4 x 240-pin DIMM supports DDR2-667/800 max. up to 8 GB
Chipset	Intel® Q35 + ICH9DO
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II (optional)
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x16 1 x PCIe x4 (refer to user's manual for setting) 1 x PCIe x1 (refer to user's manual for setting) 4 x PCI
Battery	Lithium 3V/220 mAh
Power Requirements	Intel® Core™2 Quad Q9400 @2.66 GHz, 4GB DDR2 Max. RMS: +5V_SBY @ 0.026A, +3.3V @ 1.311A, +5V @ 3.019A, +12V @ 1.781A, -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); 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	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 Realtek RTL8111B 2 nd port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82566DM
Audio	HD Codec audio as MIC-in/Line-out with Realtek ALC888
USB	12 x USB 2.0
Firewire	2 x IEEE 1394a (optional)
SMBus	N/A
Digital I/O	8 channels IN/OUT programmable

Display

Chipset	Intel® GMA 3100 graphics Core
Memory Size	Intel® DVM 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	
IMB202VGGGA	LGA775 socket ATX industrial M/B with VGA, (P/N: E38F202101) 2 10/100/1000Mbps Ethernet, audio and RAID
Optional	
IMB202VGGAF	LGA775 socket ATX industrial M/B with VGA, (P/N: E38F202100) 2 10/100/1000Mbps Ethernet, audio, RAID and firewire
593836A0030E	4-pin power cable to SATA x 2, L=150mm
5938A808010E	2 x USB port cable, L=190mm