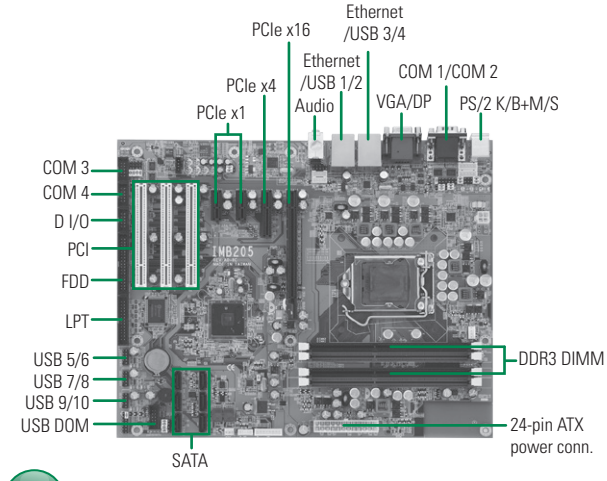
IMB205

LGA1156 Socket Intel® Core™ i7/ i5/ i3/ Pentium® ATX Industrial Motherboard with Intel® Q57 Chipset, VGA/DisplayPort and Dual LANs



DDR3

System

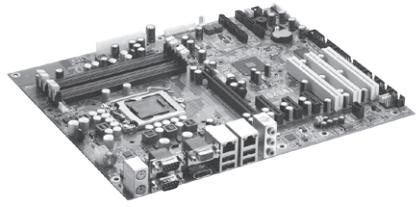
CPU	LGA1156 socket for Intel® Core™ i7/ i5/ i3 & Pentium® processors
System Memory	4 x 240-pin DIMM supports DDR3-1066/1333 max. up to 16 GB
Chipset	Intel® Q57
BIOS	AMI UEFI BIOS
SSD	USB DOM
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x PCIe x16 1 x PCIe x4 (refer to user's manual for setting) 2 x PCIe x1 (refer to user's manual for setting) 3 x PCI
Battery	Lithium 3V/220 mAH
Power Requirements	Intel® Core™ i5-660 @3.33 GHz, 2 GB DDR3 Max. RMS: +5V_SBY @ 0.43A, +3.3V @ 0.8A, +5V @ 0.966A, +12V @ 2.533A, -12V @ 0.033A
Size	305 x 244 mm
Board Thickness	1.6 mm
Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Relative Humidity	10% ~ 95% relative humidity, non-condensing

I/O

MIO	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	1st port as 10/100/1000Mbps supports iAMT, Wake-on-LAN, RPL/PXE Boot ROM with Intel 82578DM 2nd port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82574L
Audio	HD Codec audio as MIC-in/ Line-out/Speaker-out
USB	12 x USB 2.0; 4 ports on the rear I/O, 8 ports with pin-headers
TPM	Infineon SLB9635 for trusted platform (optional)
SMBus	System Management Bus for advanced monitoring/control interface
Digital I/O	8 channels (4-IN & 4-OUT)

Features

- LGA1156 socket Intel® Core™ i7/ i5/ i3/ Pentium processor
- 4 DDR3-1066/1333 DIMM support up to 16 GB
- 6 SATA-300 with RAID 0, 1, 5 and 10
- Intel® AMT & TPM (optional) supported
- Display: VGA/DisplayPort



▲ Side view

Display

Chipset	Intel® HD Graphics
Memory Size	Intel® DVMT 5.0 compliant
Display Interface	1 x VGA 1 x DisplayPort

Packing List

Standard
Quick installation guide, user's manual/utility CD, cable

Cable

Part Number	Description	Qty
593826A0000E	SATA signal cable 500 mm	1
59380502000E	COM + printer cable w/ bracket	1

Ordering Information

Standard	
IMB205VGGA (P/N: E38F205100)	LGA1156 socket ATX industrial M/B with VGA/DisplayPort, 2 10/100/1000Mbps Ethernet, 4 COM, Audio, iAMT and RAID
IMB205VGGA TPM (P/N: E38F205101)	LGA1156 socket ATX industrial M/B with VGA/DisplayPort, 2 10/100/1000Mbps Ethernet, 4 COM, Audio, iAMT, TPM and RAID

* Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

* All specifications and photos are subject to change without notice.

© 2014 Axiomtek Co., Ltd. All rights reserved.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Axiomtek:
IMB205VGGA