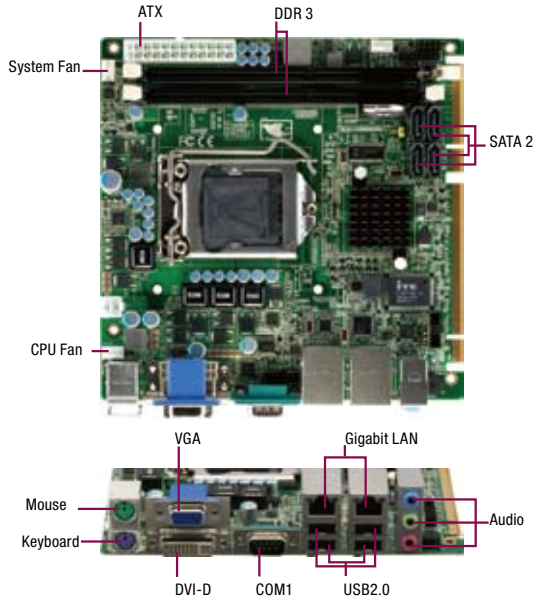


IMBI-Q57

Industrial Motherboard with Intel® Core™ i7/i5/i3 Processor



Features

- Intel® Core™ i7/i5/i3 LGA1156 (32/45nm) Processor
- Integrated Graphic & Memory Controller
- Intel® Q57
- Dual-Channel DDR3 1066/1333 Memory (Up To 8 GB)
- Intel® Gigabit Ethernet x 2, Support Intel® iAMT 6.0
- Dual View With VGA, DVI
- SATA 3.0Gb/s x 4, RAID 0,1,5,10
- USB2.0 x 8, COM x 2
- Multiple Extended Bus With Golden Finger



Specifications

System	
Form Factor	Mini-ITX
Processor	Intel® Core™ i5/i3 LGA1156 32nm CPU with Graphic, TDP 73W max. Intel® Core™ i7/i5 LGA1156 45nm CPU without Graphic, TDP 95W max.
System Memory	Dual-Channel DDR3 1066/1333 SDRAM x 2 up to 8 GB
Chipset	Intel® Q57
Ethernet	10/100/1000Base-TX, RJ-45 x 2 LAN1: Intel® 82578DM (Supports Intel® iAMT 6.0) LAN2: Intel® 82574L/82583V
Audio	HD Audio Codec with Realtek ALC888
BIOS	AMI BIOS SPI ROM - 64 Mb
Storage	SATA 3.0Gb/s connector x 4, RAID 0,1,5,10
Watchdog Timer	1 ~ 255 steps, can be set with software on Super I/O
H/W Status Monitoring	Monitoring system temperature, voltage, and cooling fan status
Expansion Interface	Multiple Extended Bus with Golden Finger
Power Requirement	ATX Standard 24-pin connector x 1
Power Consumption	55W @ Intel® G6950, DDR3 1066/2GB, ATX
Board Size (L x W)	6.7" x 6.7" (170mm x 170mm)
Gross Weight	0.66 lb (0.3 Kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Storage Humidity	10~80%, non-condensing
MTBF (Hours)	56,000
Display	
Chipset	Intel® Core™ i5/i3 + Q57
Graphic Engine	Intel® Gen 6.0 integrated Graphics Engine
Resolution	2048 x 1536 for CRT; 1920x1080 for DVI
Output Interface	VGA x 1, DVI-D x 1
I/O	
Serial Port	ITE.IT8718F RS-232 Port x 1 RS-232/422/485 x 1 with box header
KB & Mouse	Keyboard x 1 & Mouse x 1
USB	USB2.0 x 8 (four in the I/O side, four with header)
Audio	Audio Jack x 3 with BTX Type (Mic in, Line in, Line out)
Ethernet	RJ-45 x 2
Display	VGA x 1, DVI-D x 1
DIO	Programmable 8-bit (4 input/4 output)

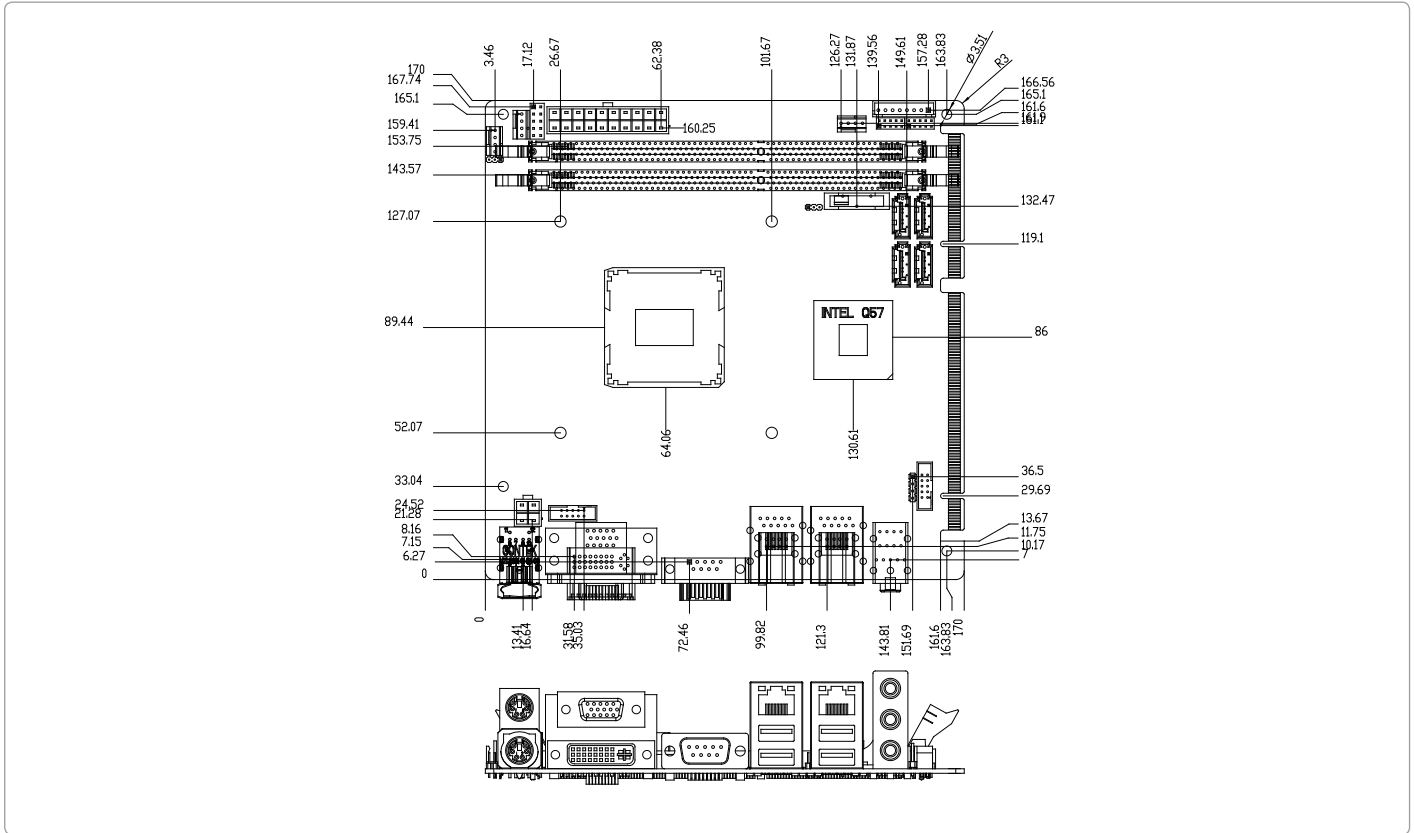
Packing List

- 1709070800
SATA Signal Cable
- 1701100305
COM Port Cable with DB-9
- 1709100201
USB Cable
- M20Q570000
I/O Shield
- Product CD
- IMBI-Q57

IMBI-Q57

Dimension

Unit: mm



Ordering Information

Part Number	CPU	RAM	Fan/Fanless	Display	Storage	LVDS	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp.
TF-IMBI-Q57-A12	Socket	DIMM	Fan	VGA/DVI-D	SATA2 x 4	—	GbE x 2	8	1	1	Golden Finger	ATX	0°C ~ 60°C

Optional Accessories

- **1759200172**
CPU Cooler for LGA 1156 CPU, TDP 95W