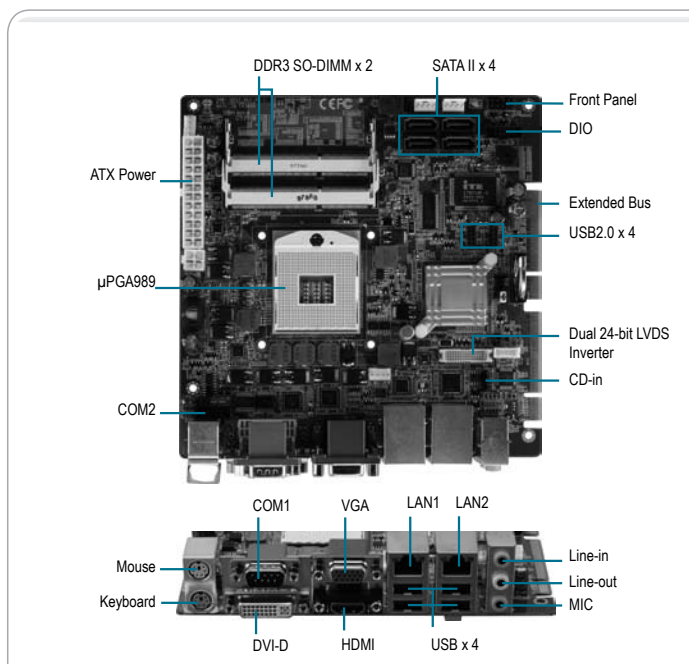


Industrial Motherboard With Intel® Core™ i7/i5 Mobile Processor



Features

- Intel® 32/45nm Core™ i7/i5 rPGA989 CPU Integrated Graphics & Memory Controller
- Intel® QM57 (ibex Peak M)
- Dual-Channel DDRIII 800/1066 Memory up to 8 GB
- Intel® Gigabit Ethernet x 2 Support Intel® AMT 6.0
- Intel® Gen 6.0 Integrated Graphics Engine Supports Dual View With VGA, DVI, HDMI, LVDS
- HD Audio
- SATA II x 4, RAID
- USB 2.0 x 8, COM x 2
- Multiple Extended Bus With Golden Finger
- 24-Pin ATX Power Connector



Specifications

System	
Form Factor	Mini-ITX
Processor	Intel® 32/45nm Core™ i7/i5 rPGA989 CPUs, TDP: 55W max.
System Memory	Dual-Channel with two 204-pin DDRIII 800/1066 SODIMM, total up to 8 GB
Chipset	Intel® QM57
Ethernet	Intel® PCI Express 10/100/1000Base-TX, RJ-45 x 2 LAN1: Intel® 82577LM (Supports Intel® AMT 6.0) LAN2: Intel® 82574L/82583V
Audio	HD Audio Codec with Realtek ALC888
BIOS	AMI BIOS 64 Mb SPI ROM
I/O Chip	ITE IT8718F I/O controller
Storage	SATA II connectors x 4, RAID 0,1,5,10
SSD	CompactFlash™ Type II socket x 1
DIO	Onboard Programmable 8-bit Digital I/O interface (4 input/4 output)
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status
Expansion Interface	Multiple Extended Bus with Golden Finger
Power Requirement	ATX Standard 24-pin connector
Board Size (L x W)	6.7" x 6.7" (170mm x 170mm)
Gross Weight	—
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Operating Humidity	10~80%, non-condensing
MTBF (Hours)	—
Display	
Chipset	Intel® Arrandale + QM57
Graphic Engine	Intel® Gen 6.0 integrated Graphics Engine
Resolution	Analog up to 2048 x 1536 @ 75 Hz; Flat panels up to 2048 x 1536 @ 60 Hz
Output Interface	VGA x 1, DVI-D x 1, HDMI x 1, Dual-channel 24-bit LVDS
I/O	
Serial Port	RS-232 Port x 1 supports 5/12V on the 9th pin RS-232/422/485 box header x 1 supports 5/12V on the 9th pin
KB & Mouse	Keyboard x 1 & Mouse x 1
Universal Serial Bus	USB 2.0 x 8 (four in the I/O side, four with header)
Audio	Audio Jack x 3 w/BTX Type (Mic in, Line in, Line out)
Ethernet	RJ-45 x 2
Display	VGA x 1, DVI-D x 1, HDMI x 1 (external), LVDS x 1 (internal)

Packing List

- 1709070800
2 SATA Signal Cable
- 1701100305
1 COM Port Cable with DB-9
- 1709100201
1 USB Cable
- I/O Shield
- Quick Installation Guide
- CD-ROM for Manual (in PDF Format) and Drivers
- IMBI-QM57

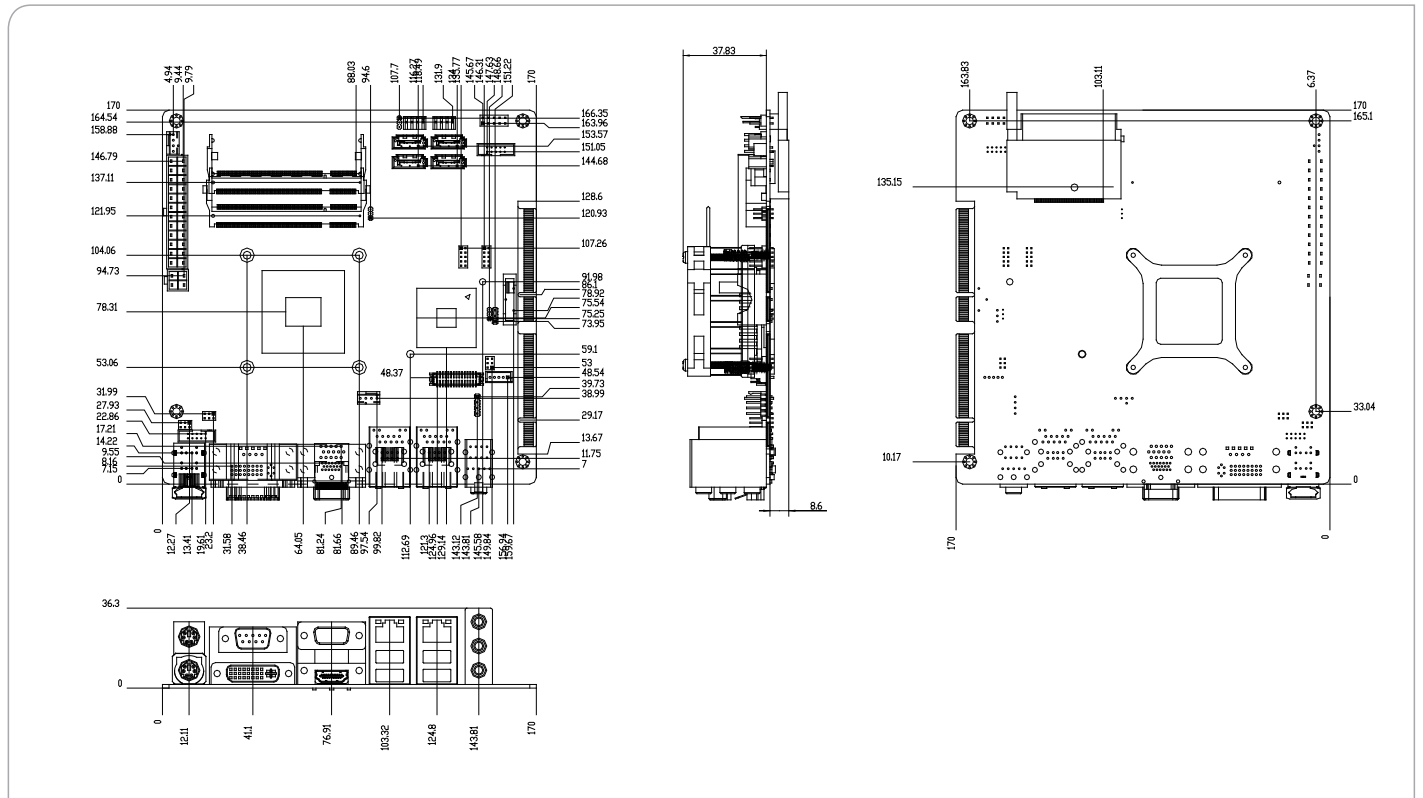
Ordering Information

- TBD

IMBI-QM57

Dimension

Unit: mm



Optional Accessories

- TBD

Chassis Options

- TBD