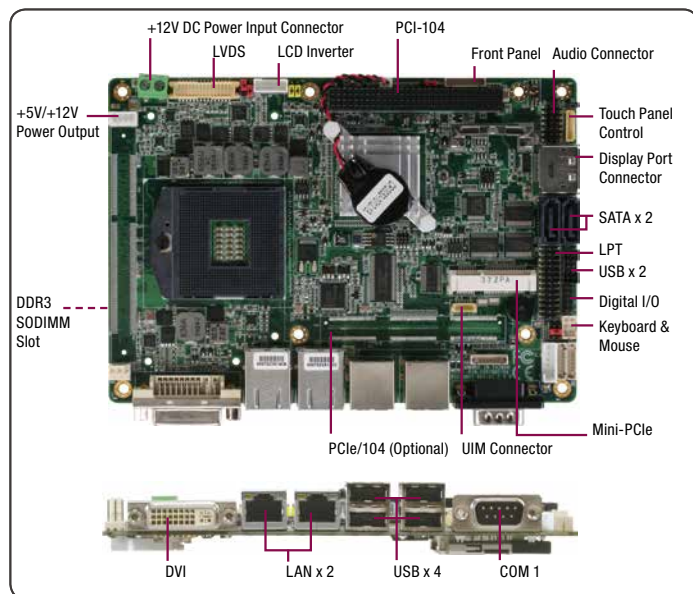


02 EPIC-QM57

EPIC Boards

EPIC Express Board with Intel® Core™ i7/ i5/ Celeron® (32nm) Processor

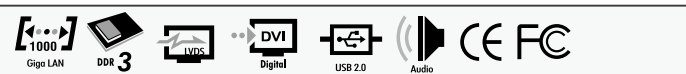


Features

- Intel® Core™ i7/ i5/ Celeron® (32nm) Processor
- Intel® QM57
- DDR3 800/1066 MHz SODIMM, Up to 4 GB, 8 GB (Optional)
- Gigabit Ethernet x 2, RJ-45 x 2
- Up to 18/24-bit Dual-channel LVDS LCD, CRT, DVI, DisplayPort™ (Optional)
- High Definition Audio (HDA)
- SATA 3.0 Gb/s x 2, Type 2 CompactFlash™
- USB2.0 x 6, COM x 4, 8-bit Digital I/O
- PCI-104, PCIe/104 (Optional), Mini-Card x 1
- Supports iAMT6.0, RAID 0 & 1 (Optional)
- +12V, AT/ATX

Specifications

System	
Form Factor	EPIC
CPU	Intel® Core™ i7/ i5 (Socket-988)
CPU Frequency	Up to 2.66 GHz
Chipset	Intel® QM57
Memory Type	DDR3 (800/1066), SODIMM x 1
Max. Memory Capacity	4 GB
BIOS	AMI 8 MB
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	+12V
Power Supply Type	AT/ATX
Power Consumption (Typical)	—
Dimension (L x W)	4.53" x 6.50" (115mm x 165mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	70,000
Certification	CE/FCC
Display	
VGA/LCD Controller	Intel® Core™ i7/i5 Mobile
Video Output	CRT, LVDS, DVI, Display Port
Backlight Inverter Supply	Max. 12V
I/O	
Ethernet	10/100/1000Base-TX x 2, Intel® 82577LM, Intel® 82574L
Audio	High Definition Audio (HDA)
USB Port	USB2.0 x 6
Serial Port	RS-232 x 3, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP x 1
HDD Interface	SATA 2 x 2
FDD Interface	—
SSD	CompactFlash™
Expansion Slot	PCI/104-Express (PCI-Express & PCI-104)
PWM LCD Support	—
DIO	8 bit
TPM	—
Touch	Yes



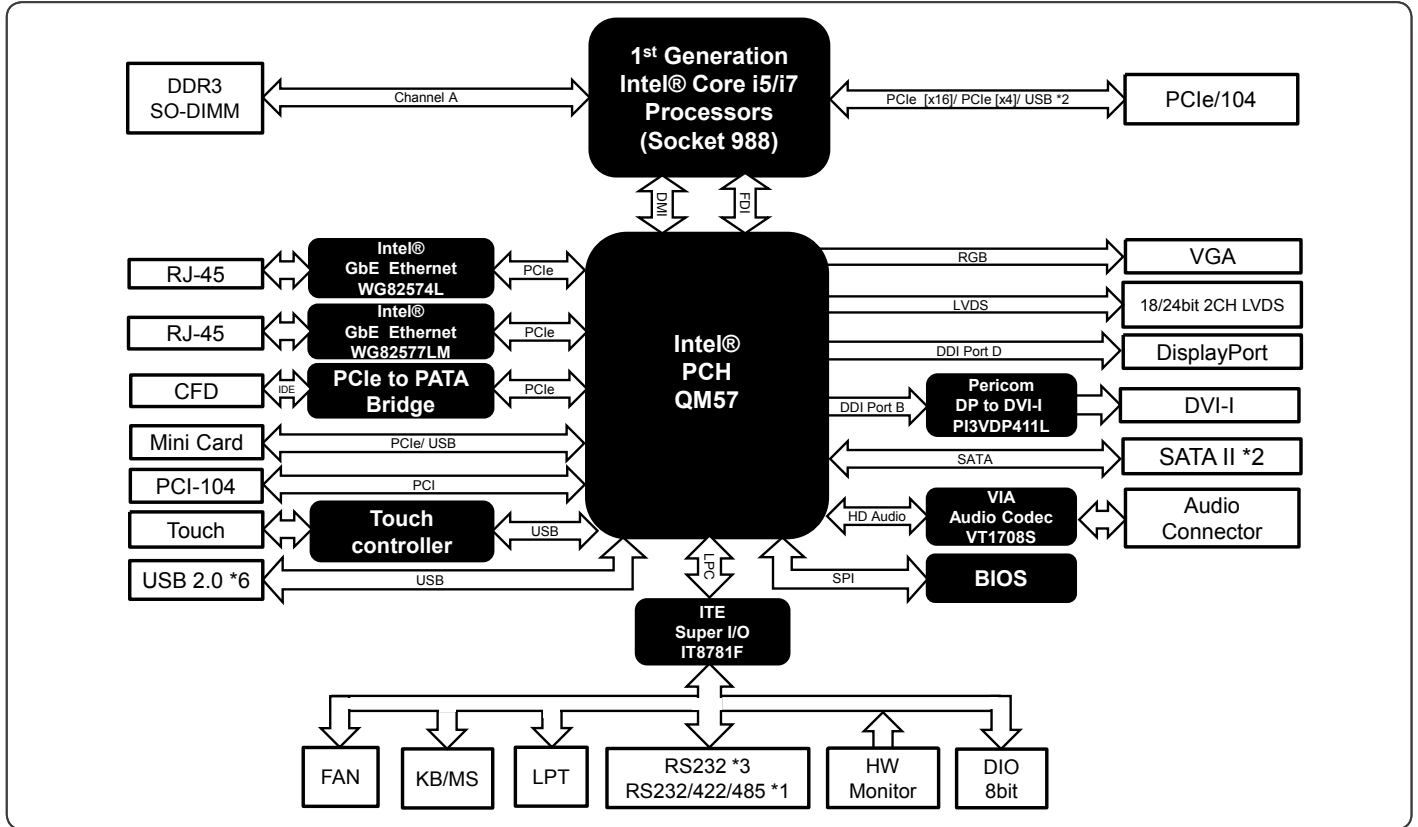
Packing List

- 1654929900
DVI to CRT Adapter
- 1700060157
Keyboard/ Mouse Cable
- 17592QM575
CPU Cooler
- Product DVD
- EPIC-QM57

Optional Accessories

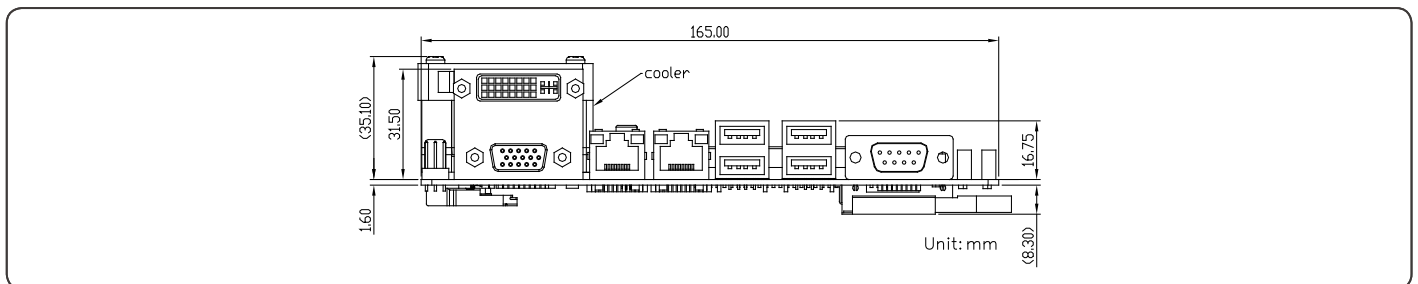
- 1700290150
DVI-I to DVI + VGA Cable, Length 15cm
- 1700060157
KB/Mouse Cable
- TF-PER-C41C-A10
4 COM Ports Mini-Card

Block Diagram



Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Fan/Fanless	Display	LVDS	Storage	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Power Temp	Others
EPIC-QM57-A12	Socket 988	DDR3 (Max. 4 GB)	Fan	DVI+ LVDS	24b 2CH	SATA x 2, CF x 1	GbE x 2	USB 2.0 x 6	3	1	Mini-Card x 1, PCI-104 x 1	+12V (ATX)	0°C ~ 60°C	LPT, DIO 8-bit, Audio, PS/2