

# EMB-QM57T

Embedded Motherboard with Intel® i7/i5/i3 Processors

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Embedded Motherboards

Launched in Q2

## Features

- Intel® Core™ 2 Duo rPGA989 CPUs with Graphic & Memory Controller
- 204-pin Dual Channel DDR3 800/1066MHz SO-DIMM x 2 Up to 8 GB
- Intel® Gen 6.0 integrated Graphic Engine Supports Dual View by VGA, DVI, HDMI, LVDS
- 18/24-bit Dual-channel LVDS
- 10/100/1000Base-TX x 2 (Realtek RTL-8111E)
- SATA 3.0Gb/s x 2 Ports Optional RAID 0 & 1, CFast x 1 Port
- USB2.0 x 8; COM x 6 Ports
- PCI Slot x 1, Mini-card x 1
- DC 12V or ATX



## Specifications

System	
Form Factor	Mini ITX
Processor	Intel® i7/i5/i3
System Memory	204-pin Dual Channel DDR3 800/1066MHz SO-DIMM x 2 Up to 8GB
Chipset	Intel® HM55/QM57
I/O Chipset	IT8712 + F81216DG
Ethernet	10/100/1000Base-TX x 2, RTL8111E
BIOS	AMI 8MB
Wake on LAN	Yes
Watchdog Timer	255 Levels
H/W Status Monitoring	Monitoring system temperature, voltage, and cooling fan status
Expansion Interface	32-bit PCI slot (with PCI-E x 1 signal inside) x 1, Mini PCIe Socket x 1
Battery	Lithium Battery
Power Requirement	+12V ATX
Power Consumption (Typical)	—
Board Size	6.7" x 6.7" (170mm x 170mm)
Gross Weight	—
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)	—
Display	
Supports LCD/CRT, LCD/DVI, LCD/TV, CRT/DVI, TV/DVI, Dual Simultaneous/ Dual View Displays	
Chipset	Intel® Arrandale + HM55/QM57
Memory	Shared memory: 512MB/ DVMT 5.0
Resolutions	Up to 2048 x 1536 (QXGA) for CRT Up to 1600 x 1200 (UXGA) for LCD
LCD Interface	CRT, DVI-D, HDMI, LVDS
I/O	
Storage	CFast x 1, SATA 3.0Gb/s x 2
Serial Port	RS-232 x 5, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP x 1
USB	USB2.0 x 8
PS/2 Port	KB x 1, MS PS/2 x 1
Digital I/O	8-bit interface (4-in/4-out)

## Pricing List

- 1709070500  
SATA Cable
- 1702151200  
Onboard SATA power cable
- 9657666600  
Jumper Cap
- Product CD
- EMB-QM57T

## Ordering Information

- TBD

## Optional Accessories

- TBD