



One 204-pin SODIMM Socket Supports up to 4GB DDR3 800/ 1066 SDRAM (Solder side)

## Features

- Intel® Core™ i7-620LE/ 620UE/ Celeron® M P4505 Processor
- Intel® QM57 Chipset
- One 204-pin SODIMM non-ECC Up to 4GB DDR3 800/ 1066 SDRAM
- Dual View, Dual-channel LVDS, DVI
- Dual Intel® Gigabit Ethernet
- 1 CF, 4 SATA, 2 COM, 8 USB, 16-bit GPIO
- Options: Built-in Touch Screen Interface
- Support iAMT 6.0
- Support RAID 0/ 1/ 5/ 10

## Specifications

### System

• CPU	Intel® Core™ i7-620LE/ 620UE/ Celeron® M P4505 Processor
• BIOS	AMI 64Mbit Flash BIOS
• System Chipset	Intel® QM57
• I/O Chip	Winbond W83627DHG-P
• System Memory	One 204-pin SODIMM Socket Supports up to 4GB DDR3 800/ 1066 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Watchdog Timer	Reset: 1sec. ~ 65535min. and 1sec. or 1min./step

### I/O

• MIO	1 x EIDE, 4 x SATA, 1 x KB & Mouse 1 x RS-232, 1 x RS-232/ 422/ 485
• IrDA	115Kbps, IrDA 1.0 Compliant
• USB	8 x USB 2.0
• DIO	8-bit GPI, 8-bit GPO

### Display

• Chipset	Intel® QM57
• Resolution	DVI Mode: 1920 x 1536 @ 75Hz (DVI-I) LCD/ Simultaneous Mode : 1600 x 1200 @ 75Hz
• Multiple Display	DVI + LVDS
• LVDS	Dual-channel 18/ 24-bit LVDS
• DVI	1 x DVI

### Built-in Touch Screen (Optional)

• Chipset	PenMount 6000
• Touch Screen Interface	With 9-pin 2.0mm Box Header (Can be Selected to Support 4/ 5/ 8-wire Touch Screen)

### Audio

• HD Codec	Realtek ALC888 Supports 5.1-CH Audio
• Audio Interface	Mic-in, Line-in, Line-out

### Ethernet

• LAN Chip	1 x Intel® 82577LM (Gigabit PHY) 1 x Intel® 82574L
• Ethernet Interface	1000 Base-Tx Gigabit Ethernet Compatible

### Mechanical & Environmental

• Power Requirement	+12V
• ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 1.0b and 2.0 Compliant
• Power Type	AT/ ATX
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	4.5" x 6.5" (115mm x 165mm)
• Weight	0.4lbs (0.18kg)

## Ordering Information

- **EPI-QM57**  
Intel® Core™ i7-620LE/ 620UE/ Celeron® M P4505 EPIC Module with Intel® QM57 Chipset and DVI-I, 2-CH LVDS, 5.1-CH Audio, 2 Gigabit Ethernet, 2 COM, 4 SATA, 8 USB & 16-bit GPIO
- **AUX-033-2R**  
Mini-PCIe Daughter Board for EPI-QM57
- **ACC-CF-xx**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4GB)
- **ACC-MEM-xx**  
Memory Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1GB)