



EPS-QM57

Fanless Intel® Core™ i7/ Celeron® P4505 Rugged Embedded System with QM57 Chipset



Features

- Support Intel® Core™ i7-620LE 2.0GHz with 4MB Cache CPU/ Intel® Celeron® P4505 1.86GHz with 2MB Cache CPU
- Intel® QM57 Chipset
- Two 204-pin SODIMMs Up to 8GB DDR3 800/ 1066 SDRAM
- 5.1-CH HD Audio, Dual Gigabit Ethernet
- 1 CFAST, 1 SATA, 8 COM, 6 USB, 1 LPT, 2 PCI, 1 x SIM Card, 8-bit/ 16-bit DIO
- Fanless Operation
- 10 ~ +55°C Wide Temperature Operation
- Rugged Design for Vibration/ Shock Protection
- Options: PCIe16 Riser Card, Table Mount Bracket

Intel® QM57	2 GbE	CFAST	8 COM	6 USB
2 PCI	SIM Card	Fanless	Wide Temp.	Wide Voltage

Specifications

System

• CPU	Intel® Core™ i7-620LE 2.0GHz with 4MB Cache CPU Intel® Celeron® P4505 1.86GHz with 2MB Cache CPU
• BIOS	AMI 8MBit Flash BIOS
• System Chipset	Intel® QM57 Chipset
• System Memory	Two 204-pin SODIMM Sockets Up to 8GB DDR3 800/1066 SDRAM
• SSD	One CFAST Socket with Ejector and Cover
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• Display	Intel® QM57 with Integrated Graphics Engine
• Audio	Realtek HD Audio Supports 5.1-CH Audio
• Ethernet	Dual Intel® Gigabit Ethernet
• System Indicators	6 LED Indicators Show Power, HDD, LAN and UPS (Reserved)
• Drive Bay	Mounting Kit for One 2.5" HDD
• Expansion Interface	2 PCI Slots, 2 Mini PCIe Socket

External I/O

• COM	8 x RS-232
• LAN	2 x RJ-45
• Display Output Port	1 x VGA, 1 x Dual-channel 18/24-bit LVDS
• Audio	Mic-in, Line-out
• USB	6 x USB 2.0 (Rear 4; Front 2)
• Digital I/O	1 x DB-9 (8-bit), 1 x DB-25 (16-bit)
• Antenna	2 (WiFi & 3G)
• Extending Switch	1 x 2-pin Phoenix Type Connector

Power Supply Unit

• Power Input	1 x 3-pin Phoenix Type Connector
• Power Output	9 ~ 30V

Environment & Mechanical

• Power Requirement	+9 ~ 30V
• Operating Temperature	-10 ~ 55°C (-14 ~ 131°F) EPS-QM57-620LE -10 ~ 45°C (-14 ~ 113°F) EPS-QM57-620LE
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Relative Humidity	5 ~ 90% @ 40°C (104°F), Relative Humidity, Non-condensing
• Vibration Protection	With CFAST: 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis With HDD: 1Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
• Shock Protection	With CFAST: 50G, IEC 60068-2-27, Half Sine, 11ms With HDD: 20G, IEC 60068-2-27, Half Sine, 11ms
• Mounting	Table mount
• Dimension (W x D x H)	250mm x 220mm x 108mm
• Weight	TBD

Ordering Information

- **EPS-QM57**
Fanless Intel® Core™ i7-620LE Rugged Embedded System with QM57 Chipset and VGA/ LVDS, Audio, Dual Gigabit Ethernet, CFAST, 8 COM, 6 USB, 2 PCI, DIO, 9 ~ 30V DC Input, Wide Operating Temp.
- **EPS-QM57**
Fanless Intel® Celeron® P4505 Rugged Embedded System with QM57 Chipset and VGA/ LVDS, Audio, Dual Gigabit Ethernet, CFAST, 8 COM, 6 USB, 2 PCI, DIO, 9 ~ 30V DC Input.