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Fanless Mini- IPC w. BCM MX57QM

(Mini-ITX Board for Mobile Intel Core2 Duo i-CPU's)



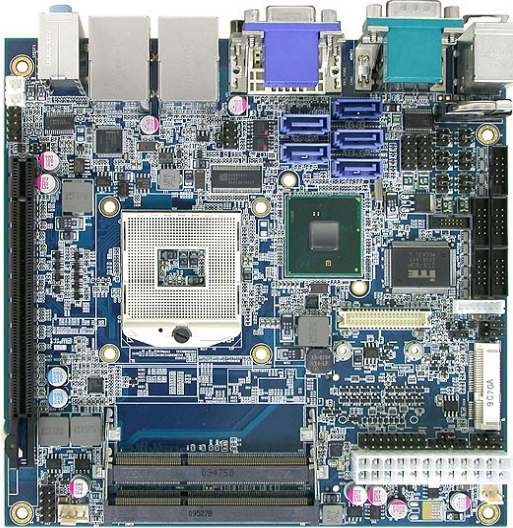
Features

- Socket 989 supports Intel® Core™ i7, i5, i3 Mobile processors
- QM57 PCH Chipset
- RAM up to up to 8 GB
- Intel® Integrated HD Graphic Engine with HDMI, DVI, LVDS, VGA & Dual Display Support
- Dual Gigabit LAN
- 1 PCIe x 16, 1 Mini PCIe
- 5 x SATA, RAID 0/1
- CF-Socket
- 8 x USB , 6 x COM

Features

- Socket 989 supports Intel® Core™ i7, i5, i3, Celeron® Mobile processors
- Intel® QM57 PCH Chipset
- Up to 8 GB Dual Channel DDR3 800/1066 MHz SODIMM System Memory
- Intel® Integrated HD Graphic Engine, Gfx Gen5.75
Supports DirectX 10 and OpenGL 2.1
- Dual Display: HDMI, DVI, LVDS, VGA
- Dual Gigabit LAN
- HD Audio, Amplifier
- 1 PCIe x 16, 1 Mini PCIe, Compact Flash
- 5 x SATA, RAID 0/1
- 8 x USB
- 6 x COM
(One RS-232/422/485 Selectable)
- 16 Bit GPIO
- Intel® TXT
- iAMT 6.0
- TPM 1.2

Back Panel I/O Port:	PS2/KB & MS Combo x 1 HDMI 1.3a port x 1 D-Sub port x 1 DVI-D port x 1 eSATA port x 1 USB 2.0 Port x 4 RJ45 LAN Port x 2 Line_In x 1 Speaker_Out x 1 MIC_In x 1
On Board I/O Connector:	Serial ATA II Connector x 3 CPU FAN Connector x 1 System FAN Connector x 1 Front Panel Connector x 1 Front Audio Connector x 1 24 Pins ATX power connector : X 1 4 Pins ATX power connector : X 1 COM1 port pin header x 1 USB2.0 port pin header x 3 (support USB port x 8) PCI Express mini Card x 1 (Half size , PCI Express x 1 interface only) Clear CMOS pin header x 1
Power	ATX Power, Power Supply : 110- 220 VAC or 12-24 VDC or 18-75VDC
Environmental	Temp (op.): 0-55 °C., -20-75 °C opt. Humidity 5-95%
Formfactor	Mini-ITX 170 x 170 mm
Approval	CE



BCI-MX 57QM Board Layout

Back Site I/O Shield



Mini-IPC Mounting Options



1 Unit in a 19"-Rack 2HE



2 Units in a 19"-Rack 2HE with Telescope Rails



Wall Mounting



DIN Rail Mounting



TFT- Back-Site Mounting