



AMD A50M Chipset

Onboard AMD G-series T40E Dual Core 1.0GHz or T16R 615MHz CPU

Onboard 2G DDR3, Up to 4GB DDR3 800/1066 SDRAM

Features

- Onboard AMD G-Series T40E/ T16R CPU
- AMD A50M Chipset
- Onboard 2G DDR3, Up to 4GB DDR3 800/ 1066 SDRAM
- Dual-channel 18/ 24-bit LVDS, HDMI or DP
- Realtek 8111E Gigabit Ethernet
- 2 SATA, 8 USB 2.0, LPC, 4 PCIe1
- Fanless Operation



Specifications

System

• CPU	Onboard AMD G-series T40E Dual Core 1.0GHz or T16R 615MHz CPU
• BIOS	AMI 32M-bit SPI BIOS
• System Chipset	AMD A50M Chipset
• System Memory	Onboard 2G DDR3, Up to 4GB DDR3 800/1066 SDRAM
• Watchdog Timer	Reset: 1min. ~ 255min, 1min./ step
• H/W Status Monitor	Monitoring System Temperature, Voltage with Auto Throttling Control
• SSD	Optional SSD Up to 32G (SM611)

I/O

• SATA	2 x SATA Ports to Baseboard
• USB	8 x USB 2.0 Ports to Baseboard
• PCIe	4 x PCIe1
• SD	USB to SD
• Audio	HD Audio Interface
• Others	LPC Bus, I ² C Bus, SMBus

Display

• Chipset	AMD Integrated Radeon HD6250
• Resolution	HDMI/ DP: 1920 x 1200 @ 60Hz LCD/ Simultaneous: 1920 x 1200 @ 60Hz
• Multiple Display	HDMI/ DP + LVDS to Baseboard
• LCD Interface	Dual-channel 18/ 24-bit LVDS (with eDP to LVDS Chronitel Ch7511)

Ethernet

• LAN Chip	1 x Realtek 8111E Gigabit Ethernet
• Ethernet Interface	10/ 100/ 1000 Base-Tx Gigabit Ethernet Compatible

Mechanical & Environmental

• Power Requirement	+5V or +5V & +5VSB
• ACPI	ACPI 3.0 Compliant, Single Power ATX Support S0, S3, S4, S5
• Operating Temperature	0 ~ 60°C (32 ~ 140°F)
• Storage Temperature	-20 ~ 80°C (-4 ~ 167°F)
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	2.8" x 2.8" (70mm x 70mm)
• Weight	0.067lbs (0.03kg)

Ordering Information

- EQM-A50M
AMD G-Series Qseven Module with AMD A50M Chipset