



EPC-A50M-56N

AMD eOntario T56N Tiny Box PC with AMD A50M Chipset



Features

- Onboard AMD eOntario T56N 1.6GHz CPU
- AMD A50M Chipset
- One 204-pin DDR3 SODIMM Up to 4GB DDR3 1066 SDRAM
- Dual View, VGA and HDMI
- Dual Gigabit Ethernet, 5.1-CH HD Audio
- 1 CF, 1 SATA, 2 COM, 4 USB
- Supported mSATA, 2.5" SATA HDD
- VESA Compliance

AMD A50M	Dual View	2 GbE	5.1-CH Audio	CF
SATA	2 COM	4 USB	VESA	

- 1 Embedded System
- 2 Oseven Module
- 3 ETX/XTX COM Express
- 4 3.5" SBC
- 5 EPIC
- 6 5.25" SBC
- 7 ATX
- 8 Micro ATX
- 9 Mini ITX
- 10 Nano ITX
- 11 ACP
- 12 Rack Mount System
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Specifications

System

• Board	ECM-A50M-56N
• CPU	AMD eOntario T56N 1.6GHz CPU
• BIOS	AMI 32Mbit SPI BIOS
• System Chipset	AMD A50M Chipset
• I/O Chip	Winbond W83627DHG-P
• System Memory	One 204-pin DDR3 SODIMM Up to 4GB DDR3 1066 SDRAM
• SSD	One CompactFlash Type I/II Socket
• Hard Disk	1 x 2.5" SATA HDD
• mSATA	1 x Mini PCIe
• Watchdog Timer	Reset: 1 sec. ~ 255 min. and 1 sec. or 1 min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage. with Auto Throttling Control

External I/O

• COM Port	2 x RS-232 (COM2 can be set as RS-422/485 by BIOS and conformable cable)
• LAN Port	2 x RJ-45
• VGA/ HDMI Port	1 x VGA; 1 x HDMI
• Audio Port	Mic-in, Line-in and Line-out
• USB Port	4 x USB 2.0
• Antenna	1 Knockouts for Antenna Mounting (Options to Add WiFi & 3G)
• SSD	1 x Type I/II CompactFlash Socket
• Expansions	Mini-PCIe (mSATA Supported)

Display

• Chipset	AMD Radeon 6320
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Audio

• AC97 Codec	Realtek ALC892 Supports 5.1-CH Audio
• Audio Interface	Mic-in, Line-in, Line-out

Ethernet

• LAN Chip	2 x Realtek 8111E Gigabit Ethernet, Supports Wake on LAN
• Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible

Environment & Mechanical

• Power Requirement	+12 ~ +24Vdc (+12V/ 5A Lockable DC Plug Adapter is an Accessory to This System)
• ACPI	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
• Power Type	AT/ ATX
• Operating Temperature	0 ~ 50°C (32 ~ 122°F) (w/CF), Ambient w/ Air Flow
• Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
• Relative Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Vibration Protection	With CF/ SSD: 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis
• Shock Protection	With CF/ SSD: 10G, IEC 60068-2-27, Half Sine, 11ms
• Dimension (W x D x H)	7" x 4.4" x 2.0" (178mm x 142mm x 50mm)
• Weight	2.7lbs (1.2Kgs)
• Mounting	VESA Compliance

Ordering Information

- **EPC-A50M-56N-A1-1R**
AMD eOntario T56N Tiny Box PC with A50M Chipset, System Fan, 2G DDR3
- **ACC-EPC-VESA-2R**
EPC Series LCD VESA kit (RoHS)
- **ACC-EPC-DINRACK-1R**
EPC Series Din-Rack
- **ACC-EPC-WIFIUSB-1R**
EPC Series USB WiFi Module
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 2, 4, 8, 16, 32GB)