



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
- Support CF, mSATA, 2.5" Drive Bay
- VESA Compliance



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
Storage	1 x CF, 1 x 2.5" Drive Bay, 1 x mSATA
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
Resolution	VGA: 2560 x 1600 @ 75Hz HDMI: 1920 x 1200 @ 75Hz

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

Mechanical & Environmental

Power Requirement	+12 ~ +26Vdc (Lockable DC Jack)
ACPI	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
Power Mode	AT/ATX (ATX is The Default Setting)
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
Certification	CE, FCC Class A
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)