



ECM-A50M

AMD G-series Processor T56N 3.5" Micro Module with AMD A50M Chipset

- > Onboard AMD G-series T56N BGA Processor
- > One 204-pin DDR3 SODIMM Socket Supports Up to 4GB DDR3 1066 SDRAM
- > Dual View, 2-CH LVDS, CRT, HDMI
- > 5.1-CH Audio, Dual Gigabit Ethernet
- > 1 CF, 2 SATA, 2 COM, 7 USB, 16-bit GPIO

Spec

System	
Processor	AMD G-Series T56N 1-Core 615MHz processor
System Chipset	AMD A50M Chipset
System Memory	1 x 204-Pin DDR3 1066MHz SO-DIMM up to 4 GB
I/O Chip	Winbond W83627DHG-PT
BIOS	AMI 32Mbit SPI BIOS
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	
Expansion	1 x Mini PCIe Supports mSATA
Storage	
Storage	1 x CompactFlash Type I/II Socket
Touch Screen	
Built-in Touch controller(optional)	Chipset: PenMount 6000 Touch Screen Interface: With 9-pin 2.0mm Box Header (Can be Selected to Support 4/5/8-wire Touch Screen)
I/O	
USB	7 x USB 2.0
SATA	2 x SATA II
COM Port	1 x RS-232/422/485 1 x RS-232
DIO	1 x 16bit GPIO
MIO	1 x LPC 1 x SPI 1 x PS2/KB & MS
Display	
Chipset	AMD Fusion Accelerated Processors Supports dual display
Resolution	VGA: Max. resolution 2560x1600@ 75Hz LVDS: Max. resolution 2048x1536@ 75Hz For T56N, VGA: 2560 x 1600@75Hz, LVDS: 2048 x 1536@75Hz CRT + LVDS, HDMI + LVDS, CRT + HDMI Dual-channel 18/24-bit LVDS (Transfer Through DDI)
Audio	
Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Mic-In, Line-In and Line-Out
Ethernet	
Chipset	2 x Realtek 8111E
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
Mechanical & Environmental	
Power Requirement	+12V
ACPI	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
Power Type	AT/ATX
Operating Temp	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp	-40°C ~ 75°C (-40°F ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Dimension (L x W)	5.7" x 4" (146mm x 101mm)
Weight	0.44lbs (0.2kg)
Certifications	



Certification Information	CE FCC Class A
Software Support	
OS Information	Win 7 Win XP Linux

+ Ordering

ECM-A50M-56N-B1R
3.5" W/A50M/T56N/HDMI/2COM/B1

ECM-A50M-40E-B1R
3.5" W/A50M/T40E/HDMI/2COM/B1

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