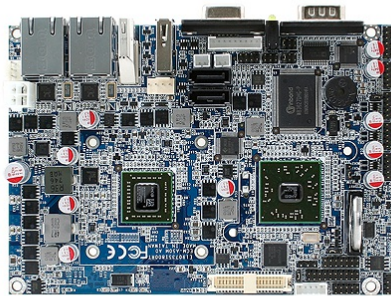




## ECM-A50M

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	
<b>Processor</b>	AMD G-Series T56N 2-Core 1.6GHz processor AMD G-Series T40E 2-Core 1.0GHz processor AMD G-Series T16R 1-Core 615MHz processor
<b>System Chipset</b>	AMD A50M Chipset
<b>System Memory</b>	1 x204-Pin DDR3 1066MHz SO-DIMM up to 4 GB
<b>I/O Chip</b>	Winbond W83627DHG-PT
<b>BIOS</b>	AMI 32Mbit SPI BIOS
<b>Watchdog Timer</b>	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
Expansion	
<b>Expansion</b>	1 xMini PCIe Supports mSATA
Storage	
<b>Storage</b>	1 xCompactFlash Type VII Socket
Touch Screen	
<b>Built-in Touch controller(optional)</b>	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	
<b>USB</b>	7 x USB 2.0
<b>SATA</b>	2 xSATA II
<b>Com Port</b>	1 xRS-232/422/485 1 xRS-232
<b>DIO</b>	1 x16bit GPIO
<b>MIO</b>	1 xLPC 1 xSPI 1 xPS2/ KB & MS
Display	
<b>Chipset</b>	AMD Fusion Accelerated Processors Supports dual display
<b>Resolution</b>	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	
<b>Chipset</b>	Realtek ALC892 supports 5.1-CH
<b>Audio Interface</b>	Mic-In, Line-In and Line-Out
Ethernet	
<b>Chipset</b>	2 xRealtek 8111E
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>Lan Port</b>	2 x RJ-45
Mechanical & Environmental	

<b>Power Requirement</b>	+12V
<b>ACPI</b>	Single Power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
<b>Power Type</b>	AT/ATX
<b>Operating Temp</b>	0°C ~ 60°C (32°F ~ 140°F)
<b>Storage Temp</b>	-40°C ~ 75°C (-40°F ~ 167°F)
<b>Operating Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
<b>Dimension (L x W)</b>	5.7" x 4" (146mm x 101mm)
<b>Weight</b>	0.44lbs (0.2kg)
<b>Certifications</b>	
<b>Certification Information</b>	CE FCC Class A
<b>Software Support</b>	
<b>OS Information</b>	Win 7 Win XP Linux
<b>Ordering Information</b>	
<b>Ordering Information</b>	ECM-A50M-56N-A1R 3.5" W/A50M/T56N/HDMI/2COM/A1  ECM-A50M-40E-A1R 3.5" W/A50M/T40E/HDMI/2COM/A1  ECM-A50M-16R-A1R 3.5" W/A50M/T16R/HDMI/2COM/A1

#### Ordering

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3.5" W/A50M/T56N/HDMI/2COM/A1

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