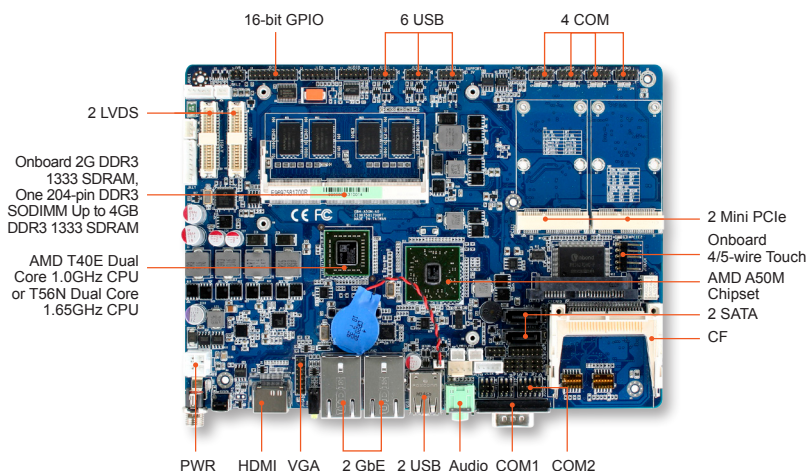




Features

- Onboard AMD G-series T56N BGA Processor
- Onboard 2G DDR3 1066 SDRAM, One 204-Pin DDR3 SO-DIMM Up to 4GB DDR3 1066/ 1333 SDRAM
- Dual View, 2-CH LVDS, HDMI
- 5.1-CH Audio, Dual Gigabit Ethernet, 2W Amplifier
- 2 x Mini PCIe Slots, Optional Supports mSATA
- 1 x CF, 2 x SATA, 2 x COM, 8 x USB, 16-bit GPIO
- +12V ~ 26V Wide Voltage Power Input
- Compliance with ErP/EuP 2.0



Specifications

System

Processor	AMD T56N 2-Core 1.6GHz processor AMD T40E 2-Core 1.0GHz processor AMD T40E without Fan or Optional T56N with Fan
BIOS	AMI 32Mbit SPI BIOS
System Chipset	AMD G-Series A50M Chipset
I/O Chip	Nuvoton W83627DHG-P
System Memory	1 x 204-Pin DDR3 1066/1333MHz SO-DIMM up to 4GB(Onboard 2G DDR3 1066 SDRAM)
Watchdog Timer	Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control

Expansion & Storage

Expansion	2 x Mini PCIe(Optional mSATA Supported) 1 x CompactFlash Type I/II Socket
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I/O

USB	8 x USB 2.0 Ports
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 CIR, 1 x SPI, 1 x HDMI or 1 x Display Port (Co-layout)

Display

Chipset	AMD Fusion Accelerated Processors Supports dual display
Resolution	VGA : 2560x1600 @ 60Hz HDMI : 1920x1200 @ 60Hz LVDS : 1600x1200 @ 75Hz DP : 2560x1600 @ 60Hz CRT + LVDS, HDMI 6+ LVDS, CRT + HDMI, T40E:VGA 1920 x 1200 @ 60Hz,DP 1920 x 1200 @ 60Hz, 18-bit LVDS or Dual-channel 18/24-bit LVDS (Transfer Through DDI),18-bit LVDS : 1400 x 1050 @ 60Hz; Dual 24-bit LVDS : 1920 x 1200 @ 60Hz

Audio

Chipset	Realtek ALC892 supports 5.1-CH
Audio Interface	Headphone (Jack), AMP Line-out, Line-in, and Mic-in (in Header)

Ethernet

LAN Chip	2 x Realtek 8111E (Optional 2nd LAN CO-lay with KB/MS)
Ethernet Interface	10/100/1000 Base-Tx Gigabit Ethernet Compatible
LAN Port	2 xRJ-45

Mechanical & Environmental

Power Requirement	+12V ~ 26V
ACPI	Single power ATX Support S0, S1, S3, S4, S5 ACPI 3.0 Compliant
Power Type	AT/ATX
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Storage Temperature	-40 ~ 75°C (-40 ~ 167°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Size (L x W)	8" x 5.75" (203mm x 146mm)
Weight	0.55lb (0.25kg)

Certification & Software Support

Certification	CE, FCC Class A
OS Information	Win 7, Win XP, Linux

Ordering Information

EBM-A50M-56N-A1TR
5.25"W/56N/18/24Bit LVDS/2LAN/2COM/TC/A1
EBM-A50M-40E-A1TR
5.25"W/40E/18/24Bit LVDS/2LAN/6COM/TC/A1