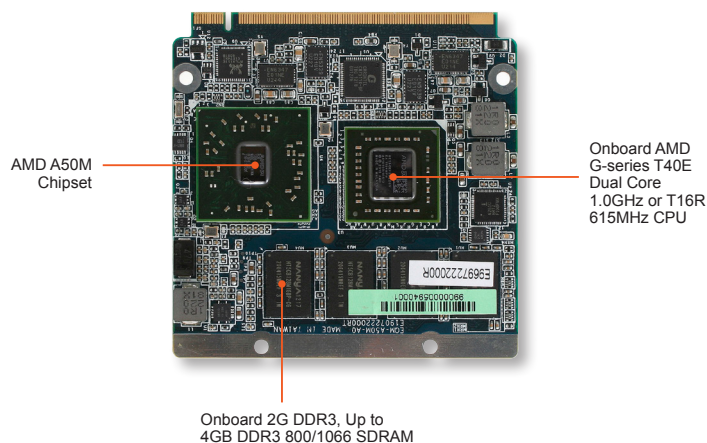




Features

- Onboard AMD G-Series T40E BGA Processor
- AMD A50M Chipset
- Onboard 2GB DDR3, up to 4GB DDR3 800/1066
- Dual-channel 18/24-bit LVDS, HDMI or DP
- Realtek 8111E Gigabit Ethernet
- 2 x SATA, 8 x USB 2.0, LPC, 4 x PCI-e x1



Specifications

System

Processor	AMD G-Series T40E 2-Core 1.0GHz processor AMD G-Series T16R 1-Core 615MHz processor
System Chipset	AMD A50M Chipset
System Memory	Onboard DDR3 2GB up to 4 GB
BIOS	AMI 32Mbit SPI BIOS

Expansion & Storage

Expansion	4 x PCIe x1
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I/O

USB	8 x USB 2.0
SATA	2 x SATA II
COM Port	1 x SDIO
MIO	1 x LPC 1 x SMBus 1 x I2C

Display

Chipset	AMD Radeon 6250 Supports dual display
Resolution	HDMI : 1920 x 1200 @ 60Hz DP : 1920 x 1200 @ 60Hz VGA : 1920 x 1200 @ 60Hz
LVDS	CH7511B(eDP to LVDS)
Multiple Display	HDMI+LVDS, DDI+LVDS
DDI	HDMI, DVI, DisplayPort

Audio

Chipset	AMD A50M integrated
Interface	AMD High Definition Audio

Ethernet

LAN Chip	1 x Realtek 8111E
Ethernet Interface	10/100/1000 Base-Tx GbE compatible

Mechanical & Environmental

Power Requirement	+5V
ACPI	Single Power ATX Support S0, S3, S4, S5 ACPI 3.0 Compliant
Power Type	AT
Operating Temperature	Standard: 0 ~ 60°C
Storage Temperature	-20°C ~ 80°C (-40°F ~ 176°F)
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Size (L x W)	2.8" x 2.8" (70mm x 70mm)

Certification & Software Support

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

Ordering Information

EEV-Q701-A1R

3.5" Evaluation Carrier Board for Q7 Rev 1.2

EQM-A50M-40E-A1DR

AMD G-Series T40E Q7 Module with Onboard 2G DDR3

EQM-A50M-16R-A1DR

AMD G-Series T16R Q7 Module with Onboard 2G DDR3

EQM-A50M-40EG-A1DR

AMD G-Series T40E Q7 Module with Onboard 2G DDR3, 4G SSD