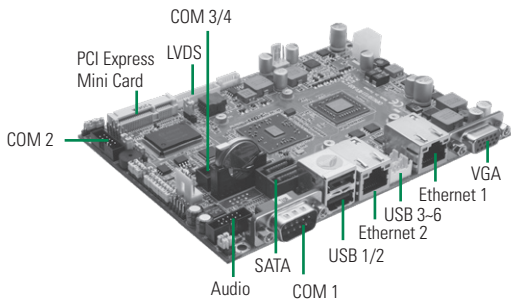


CAPA111

AMD G-Series APU 3.5" Embedded SBC with AMD A50M FCH, LVDS/VGA, Dual LANs and Audio



Fanless Low Power DualView DDR3 PCIe Mini AIRD

System

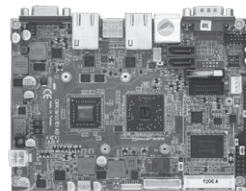
CPU	AMD G-Series APU T40R 1.0 GHz single core and T40E 1.0 GHz dual core onboard
System Memory	1 x 204-pin SO-DIMM supports DDR3-1066 max. up to 4 GB
Chipset	AMD A50M FCH
BIOS	AMI BIOS
SSD	1 x CompactFlash™
Watchdog Timer	255 levels, 1~255 sec.
Expansion Interface	1 x PCI Express Mini Card V1.2
Battery	Lithium 3V/220mAh
Power Input	2 x 2-pin connector +12V DC-in only AT Auto Power ON function supported
Power Requirement	AMD G-Series APU T40E @ 1.0 GHz, 1GB DDR3 Max. RMS: +12V @ 1.06A AMD G-Series APU T40R @ 1.0 GHz, 1GB DDR3 Max. RMS: +12V @ 0.96A
Size	146 x 104mm
Board Thickness	1.6 mm
Operating Temperature	0° ~ +60°C (32°F ~ 140°F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

I/O

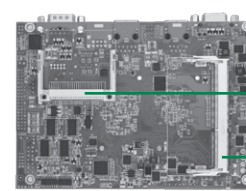
MIO	1 x RS-232/422/485 (COM 1); with +5V/+12V powered 3 x RS-232 (COM 2/3/4) ; with +5V/+12V powered
SATA	2 x SATA-600
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 ports 10/100/1000 Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111E
Audio	HD Codec audio as MIC-in/Line-in/Line-out/Speaker-out with Realtek ALC662
USB	6 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control (optional)
Digital I/O	8 channels IN/OUT programmable

Features

- AMD G-Series APU T40R (1.0 GHz)/ T40E (1.0 GHz)
- AMD A50M FCH
- 1 DDR3 SO-DIMM supports up to 4 GB memory capacity
- 2 SATA-600 supported
- 6 USB 2.0 ports
- 4 COM ports
- DirectX 11 support



▲ Top view



▲ Rear view

Display

Chipset	AMD G-Series APU integrated graphic engine T40E/T40R - Radeon™ HD6250
Memory Size	Max. up to 2 GB in 4 GB DDR3 module
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel

Packing List

Standard

Quick installation guide, user's manual/utility CD, cable

Cable

Part Number	Description	Qty
5938262000E	1 x COM w/ bracket P=2.0mm, L=300mm	1
59384500100E	Audio cable w/ bracket P=2,450mm	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket 180mm	1

Optional

59380000300E	2 x COM w/ bracket P=1.27 x 2.54 L=300mm
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Ordering Information

Standard

CAPA111VGGA-T40R (P/N: E38E111101)	3.5" SBC with AMD G-Series APU T40R 1.0 GHz, A50M chipset, VGA/LVDS, 2 10/100/1000Mbps Ethernet, 2 SATA-600, 4 COM, 6 USB and audio
CAPA111VGGA-T40E (P/N: E38E111100)	3.5" SBC with AMD G-Series APU T40E 1.0 GHz and A50M chipset VGA/LVDS, 2 10/100/1000Mbps Ethernet, 2 SATA-600, 4 COM, 6 USB and audio

SBC Services and Solutions

Systems on Modules

Embedded SBCs >EPIC

Embedded SBCs >3.5" Capa

Embedded SBCs >Nano-ITX

Embedded SBCs >Pico-ITX

Embedded SBCs >PC/104

Industrial Motherboards

Slot CPU Cards

Accessories

Appendix