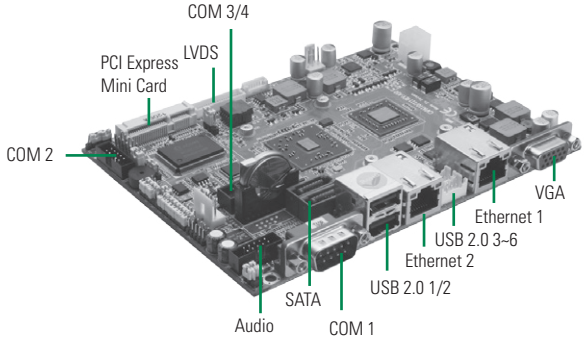
CAPA111

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

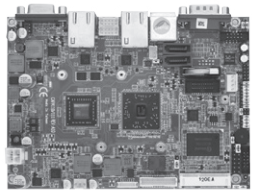
Features

- AMD G-Series APU T40R (1.0 GHz)/ T40E (1.0 GHz)
- 1 DDR3-1066 SO-DIMM, up to 4GB
- 2 SATA-600
- 6 USB 2.0 ports
- 4 COM ports
- DirectX 11 supported

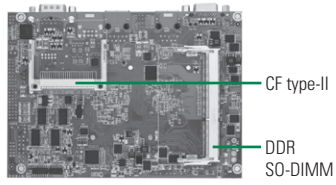


AiRD

AMD EMBEDDED SOLUTIONS G-SERIES APU | Fanless | Low Power | DualView | DDR3 | PCIe Mini



▲ Top view



▲ Rear view

Core 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 DDR3-1066 SO-DIMM, up to 4GB
Chipset	AMD A50M
BIOS	AMI UEFI 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°C ~ +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 2-4 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

Display

Chipset	AMD G-Series APU integrated graphic engine T40E/T40R - Radeon™ HD6250
Memory Size	Max. up to 2GB in 4GB 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
59382620000E	1 x COM w/ bracket, P=2.0 mm, L=300 mm	1
59384500100E	Audio cable w/ bracket, P=2.0 mm, L=450 mm	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket, 180 mm	1

Optional

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

Ordering Information

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

* All specifications and photos are subject to change without notice.