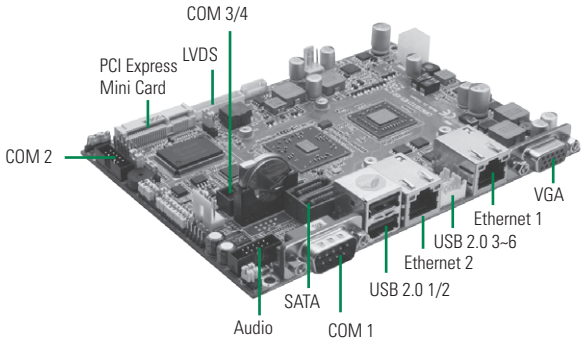
# CAPA111

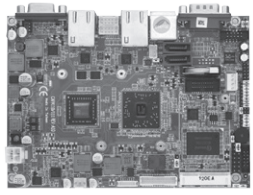
AMD G-Series APU 3.5" Embedded SBC with AMD A50M FCH, LVDS/VGA, Dual LANs and Audio



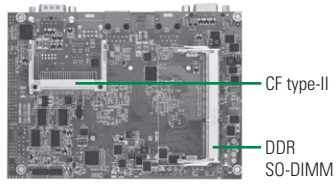

Fanless | Low Power | DualView | DDR3 | PCIe Mini | AiRD

## Features

- AMD G-Series APU T40R (1.0 GHz)/ T40E (1.0 GHz)
- 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

## 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 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<br>+12V DC-in only<br>AT Auto Power ON function supported |
| Power Requirement | AMD G-Series APU T40E @ 1.0 GHz, 1 GB DDR3<br>Max. RMS: +12V @ 1.06A<br>AMD G-Series APU T40R @ 1.0 GHz, 1 GB DDR3<br>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<br>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 |

## Display

| | |
|---|---|
| Chipset | AMD G-Series APU integrated graphic engine<br>T40E/T40R - Radeon™ HD6250 |
| Memory Size | Max. up to 2 GB in 4 GB DDR3 module |
| Display Interface | 1 x VGA<br>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=2,450 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" 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 |



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

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