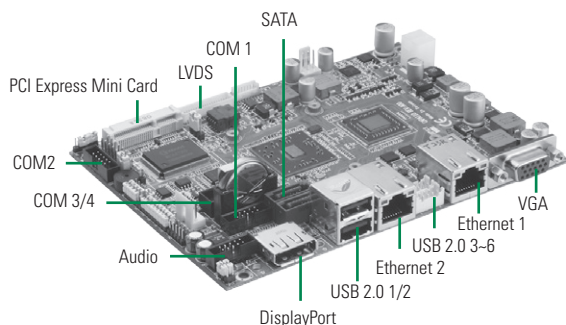


# CAPA110

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



## System

|                       |                                                                                  |
|-----------------------|----------------------------------------------------------------------------------|
| CPU                   | AMD G-Series APU T56N 1.65 GHz dual core onboard                                 |
| System Memory         | 1 x 204-pin SO-DIMM supports DDR3 1333 max. up to 4 GB                           |
| 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           | 3. 2 x 2-pin connector<br>+12V DC-in only<br>AT Auto Power ON function supported |
| Power Requirement     | AMD G-Series APU T56N @ 1.65 GHz, 1 GB DDR3<br>Max. RMS: +12V @ 1.5A             |
| 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

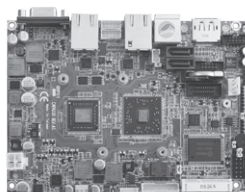
|                     |                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------|
| MIO                 | 1 x RS-232/422/485 (COM1); with +5V/+12V powered<br>3 x RS-232 (COM2/3/4); with +5V/+12V powered |
| SATA                | 2 x SATA-600                                                                                     |
| Hardware Monitoring | Detect CPU/system temperature, voltage and fan speed                                             |
| Ethernet            | 2 port 10/100/1000 Mbps supports Wake-on-LAN,<br>RPL/PXE Boot ROM with Realtek RTL8111E          |
| Audio               | HD Codec audio as MIC-in/Line-in/Line-out/Speaker-out<br>with Realtek ALC662                     |
| USB                 | 6 x USB 2.0                                                                                      |
| SMBus               | System Management Bus for advanced monitoring/control<br>(optional)                              |
| Digital I/O         | 8 channels IN/OUT programmable                                                                   |

## Display

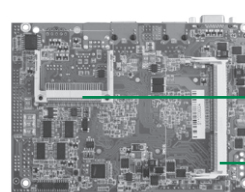
|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Chipset           | AMD G-series APU integrated graphic engine<br>T56N - Radeon™ HD6320   |
| Memory Size       | Max. up to 2 GB in 4 GB DDR3 module                                   |
| Display Interface | 1 x VGA<br>1 x DisplayPort<br>1 x LVDS; 18/24-bit single/dual channel |

## Features

- AMD G-Series APU dual core T56N (1.65 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

## Packing List

### Standard

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

### Cable

| Part Number  | Description                               | Qty |
|--------------|-------------------------------------------|-----|
| 59382620000E | 1 x COM w/ bracket P=2.0mm, L=300 mm      | 1   |
| 59384500100E | Audio cable w/ bracket P=2.0, 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  |
| 59070213000E | DisplayPort to VGA cable, L=100 mm          |
| 59040131000E | DisplayPort to DVI cable, L=220 mm          |
| 59050203000E | DisplayPort to HDMI cable, L=185 mm         |
| 59091501000E | DisplayPort to DisplayPort cable, L=1500 mm |

## Ordering Information

### Standard

|                                       |                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| CAPA110VPGA-T56N<br>(P/N: E38E110105) | 3.5" Embedded SBC with AMD G-Series APU T56N<br>1.65 GHz, VGA/DisplayPort/LVDS, 2 GbE LAN, 2 SATA-600,<br>4 COM, 6 USB and audio |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct      +86 (21) 6401-6692  
  
Email        amall@ameya360.com  
  
QQ           800077892  
  
Skype        ameyasales1 ameyasales2

➤ Customer Service :

Email        service@ameya360.com

➤ Partnership :

Tel           +86 (21) 64016692-8333  
  
Email        mkt@ameya360.com