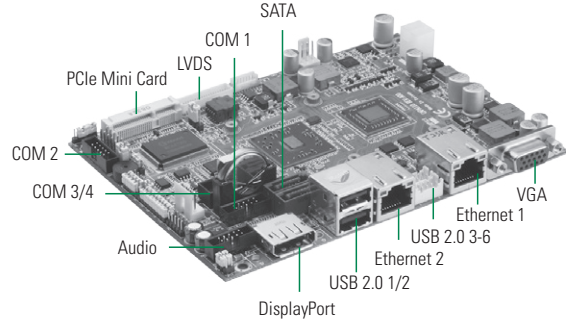


CAPA110

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

Features

- AMD G-Series APU dual core T56N (1.65 GHz)
- 1 DDR3-1333 SO-DIMM, up to 4GB
- 2 SATA-600
- 6 USB 2.0 ports
- 4 COM ports
- DirectX 11 supported

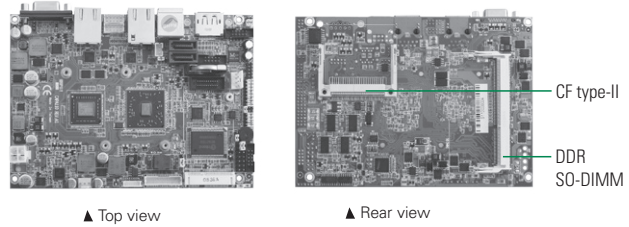


Core System

| | |
|-----------------------|--|
| CPU | AMD G-Series APU T56N 1.65 GHz dual core onboard |
| System Memory | 1 x 204-pin DDR3-1333 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 | 3. 2 x 2-pin connector +12V DC-in only AT Auto Power ON function supported |
| Power Requirement | AMD G-Series APU T56N @ 1.65 GHz, 1GB DDR3 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 (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 port 10/100/1000 Mbps supports 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 T56N - Radeon™ HD6320 |
| Memory Size | Max. up to 2GB in 4GB DDR3 module |
| Display Interface | 1 x VGA 1 x DisplayPort 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 |
| 594E8422800E | 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 | |
|-------------------------------------|---|
| CAPA110VPGGA-T56N (P/N: E38E110105) | 3.5" Embedded SBC with AMD G-Series APU T56N 1.65 GHz, VGA/DisplayPort/LVDS, 2 GbE LANs, 2 SATA-600, 4 COM, 6 USB and audio |

