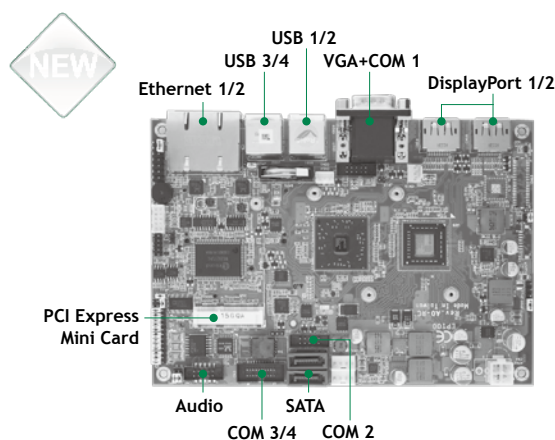


EP100

AMD G-Series APU EPIC SBC with AMD Fusion Controller Hub A50M Chipset, Dual DisplayPort/VGA/LVDS, Dual LANs and Audio



AMD G-Series APU
2 G.E.
2 DisplayPort
6 USB 2.0
2 PCIe Mini Card
CFast™



Fanless

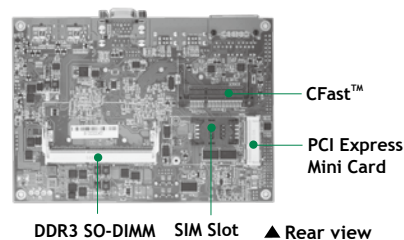
Low Power

Features

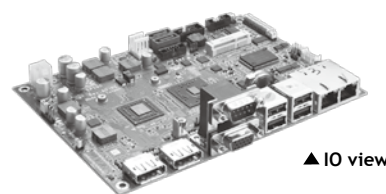
- AMD G-Series APU T40R (1.0 GHz)/ T56N (1.65 GHz)
- AMD Fusion Controller Hub A50M chipset
- 1 DDR3 SO-DIMM supports up to 4 GB memory capacity
- 6 USB 2.0 ports
- 4 COM ports
- DirectX® 11 supported

System

CPU	AMD G-Series APU T40R 1.0 GHz single core or T56N 1.65 GHz dual core onboard
System Memory	1 x 204-pin DDR3-1066/1333 SO-DIMM max. up to 4GB
Chipset	AMD Fusion Controller Hub A50M
BIOS	AMI
SSD	1 x CFast™
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCI Express Mini Card 1 x PCI Express Mini Card with SIM slot
Battery	Lithium 3V/220mAh
Power Input	2 x 2-pin connector +12V DC-in only AT Auto Power ON function supported
Power Requirements	AMD G-Series APU T56N @1.65 GHz, 1GB DDR3 Max. RMS: +12V @ 2.76A AMD G-Series APU T40R @ 1.0 GHz, 1GB DDR3 Max. RMS: +12V @ 1.82A
Size	165 x 115 mm
Board Thickness	1.6 mm
Temperature	0°C - +60°C (32°F - 140°F), operation
Relative Humidity	10% - 95% relative humidity, non-condensing



DDR3 SO-DIMM SIM Slot ▲ Rear view



▲ IO view



▲ Slim type

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 as 10/100/1000Mbps 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
Digital I/O	8 channels IN/OUT programmable

Display

Chipset	AMD G-Series APU integrated graphics engine T56N - Radeon™ HD6320 T40R - Radeon™ HD6250
Memory Size	Max. up to 2GB in 4 GB DDR3 module
Display Interface	1 x VGA + 2 x DisplayPort or 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

Ordering Information

Standard	
EP100VLGGA-T40R (fanless)	EPIC SBC with AMD G-Series APU T40R 1.0GHz, A50M chipset, VGA/DisplayPort/LVDS, 2 10/100/1000Mbps and audio
EP100VPGGA-T56N	EPIC SBC with AMD G-Series APU T56N 1.65 GHz, A50M chipset, VGA/Dual DisplayPort, 2 10/100/1000Mbps and audio