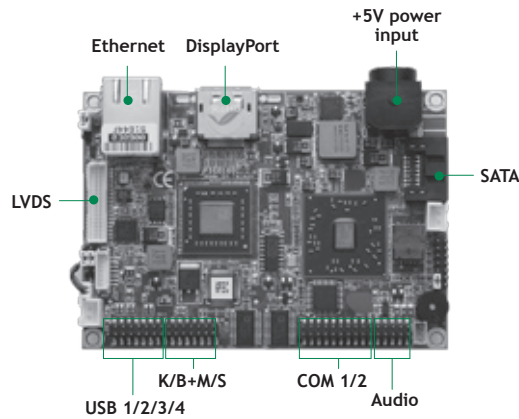


PICO100

AMD G-Series APU Pico-ITX SBC with AMD FCH A50M Chipset, LVDS/DisplayPort (VGA), Single LAN and Audio



AMD G-Series APU
AMD A50M
1 G.E.
LVDS
DisplayPort or VGA
4 USB 2.0
CompactFlash™

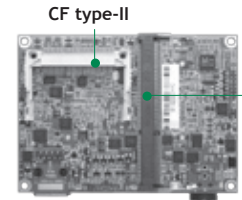
Features



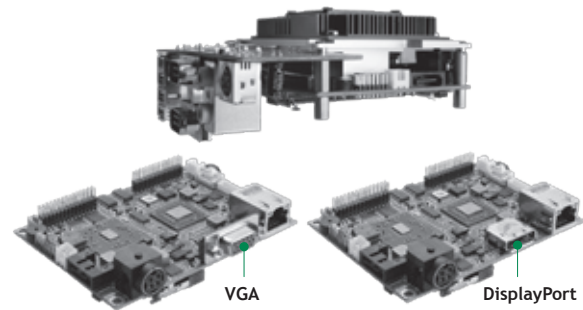
- AMD G-Series APU T40E (1.0 GHz)/ T40R (1.0 GHz)
- AMD FCH A50M chipset
- 1 DDR3 SO-DIMM supports up to 4 GB memory capacity
- 4 USB 2.0 ports
- 2 COM ports



Internal Power Connector (Optional)



▲ Rear view



▲ Side view

System

CPU	AMD G-Series dual core T40E (1.0 GHz)/ single core T40R (1.0 GHz)
System Memory	1 x 204-pin SO-DIMM supports DDR3-1066 max. up to 4 GB
Chipset	AMD FCH A50M chipset
BIOS	AMI
SSD	1 x CompactFlash™
Watchdog Timer	255 levels, 1 - 255 sec.
Expansion Interface	N/A
Battery	Lithium 3V/220mAh
Power Input	DC power jack connector +5V DC-in only AT Auto Power On function supported
Power Requirements	*AMD G-Series APU T40E @1.0 GHz, 1GB DDR3 Max. RMS: +5V @ 3.16A *AMD G-Series APU T40R @1.0 GHz, 1GB DDR3 Max. RMS: +5V @ 2.93A
Size	100 x 72 mm
Board Thickness	1.6 mm
Operating Temperature	0°C - +60°C (32°F - 140°F), operation
Relative Humidity	10% - 95% relative humidity, non-condensing

I/O

MIO	1 x PS/2 keyboard and mouse 2 x RS-232
SATA	1 x SATA-600
Hardware Monitoring	Detect CPU/system temperature and voltage
Ethernet	1 port 10/100/1000 Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Realtek RTL8111E
Audio	HD Codec audio as MIC-in/Line-out with Realtek ALC662
USB	4 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control
Digital I/O	N/A

Display

Chipset	AMD G-Series APU integrated graphics engine T40E/T40R - Radeon™ HD6250
Memory Size	Max. up to 2 GB in 4 GB DDR3 module
Display Interface	1 x VGA or 1 x DisplayPort 1 x LVDS; 18 bit single channel

Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable, I/O board		
Cable		
Part Number	Description	Qty
E393238101	AX93238 I/O board	1
594PICO8200E	DC power cable	1
59411208000E	SATA cable	1
59405300610E	SATA power cable	1
59070213000E	DisplayPort to VGA cable, L=100mm	1
59040131000E	DisplayPort to DVI cable, L=220mm	1
59050203000E	DisplayPort to HDMI cable, L=200mm	1
59091501000E	DisplayPort to DisplayPort cable, L=1500mm	1

Ordering Information

Standard	
PICO100VGA-T40E (P/N: E38H100100)	Pico-ITX SBC with AMD G-Series APU T40E 1.0 GHz processor, VGA/LVDS, 1 10/100/1000Mbps and audio
PICO100PGA-T40E (P/N: E38H100102)	Pico-ITX SBC with AMD G-Series APU T40E 1.0 GHz processor, DisplayPort/LVDS, 1 10/100/1000Mbps and audio
PICO100VGA-T40R (P/N: E38H100101) (fanless)	Pico-ITX SBC with AMD G-Series APU T40R 1.0 GHz processor, VGA/LVDS, 1 10/100/1000Mbps and audio
PICO100PGA-T40R (P/N: E38H100103) (fanless)	Pico-ITX SBC with AMD G-Series APU T40R 1.0 GHz processor, DisplayPort/LVDS, 1 10/100/1000Mbps and audio
Optional	
5938H820010E	COM x 2 + audio cable
5938H820000E	USB x 4 + Mini DIN cable
5948H823000E	DC power cable (for internal power connector)