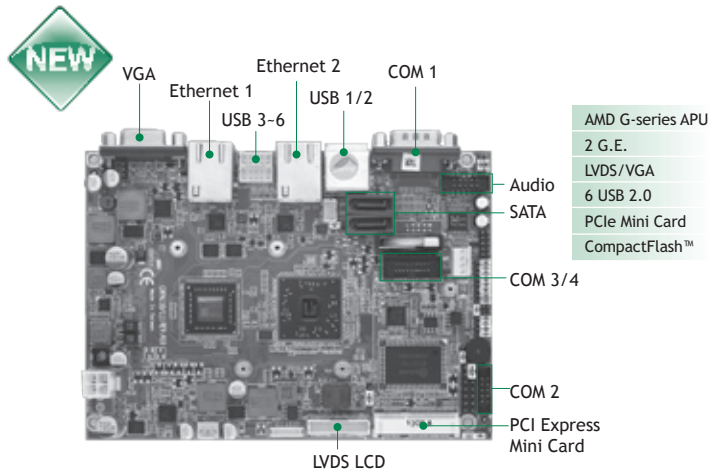


CAPA111

AMD G-Series APU 3.5" Embedded SBC with AMD Fusion Controller Hub A50M Chipset, LVDS/VGA, Dual LANs and Audio



System

CPU	AMD G-Series APU single core T40R (1.0 GHz) and dual core T40E (1.0 GHz)
System Memory	1 x 204-pin DDR3-1066 SO-DIMM max. up to 4 GB
Chipset	AMD Fusion Controller Hub A50M chipset
BIOS	AMI BIOS
SSD	1 x CompactFlash™
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCI Express Mini Card
Battery	Lithium 3V/220mAH
Power Requirement	TBD
Size	146 x 104mm
Board Thickness	1.6 mm
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 2/3/4); 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, 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

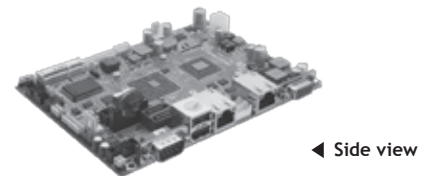
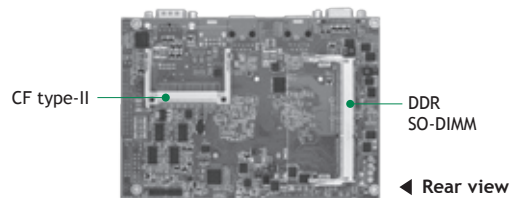
Display

Chipset	AMD G-Series APU integrated graphic engine T40E/T40R - Radeon™ HD6250
Memory Size	Max. up to 2 GB in 4 GB DDR3 module
Display Interface	1 x VGA 1 x LVDS; 18-bit single channel or 24-bit single/dual channel

Features



- AMD G-Series APU T40R (1.0 GHz)/ T40E (1.0 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
- +12V only DC-in supported
- DirectX® 11 support



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=300mm	1
59384500100E	Audio cable w/ bracket P=2,450mm	1
59382631000E	2 x USB 2.0 wafer cable w/ bracket 180mm	1
Optional		
59380000300E	2 x COM w/ bracket P=1.27 x 2.54 L=300mm (RC)	1

Ordering Information

Standard	
CAPA111VGGA-T40R w/24-bit LVDS	3.5" SBC with AMD G-Series APU T40R 1.0 GHz, VGA/24 or 48-bit LVDS, 2 10/100/1000Mbps Ethernet and audio
CAPA111VGGA-T40E w/24-bit LVDS	3.5" SBC with AMD G-Series APU T40E 1.0 GHz and A50M chipset VGA/24 or 48-bit LVDS, 2 10/100/1000Mbps Ethernet and audio
CAPA111VGGA-T40R w/18-bit LVDS	3.5" SBC with AMD G-Series APU T40R 1.0 GHz, VGA/18-bit LVDS, 2 10/100/1000Mbps Ethernet and audio
CAPA111VGGA-T40E w/18-bit LVDS	3.5" SBC with AMD G-Series APU T40E 1.0 GHz processor and A50M chipset VGA/18-bit LVDS, 2 10/100/1000Mbps Ethernet and audio