

EmETX-a55E0

AMD Fusion G-T56N ETX CPU Module



Features

- Soldered Onboard AMD Fusion G-T56N Processor
- Support LVDS, Analog RGB and DDI Port
- SATA RAID supported
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	AMD Fusion G-T56N 1.65GHz processor
Memory	1 x 204-pin DDR3 SO-DIMM socket, supporting 1066/1333MHz SDRAM up to 4GB
Chipset	AMD FCH A55E
BIOS	AMI PnP Flash UEFI BIOS
Watchdog Timer	1~255 levels reset

I/O

Super IO Chipset	Fintek F71869ED
Serial Port	2 x COM ports
Parallel Port	SPP/EPP/ECP mode selectable
USB Port	4 x USB 2.0 ports
KB/MS	PS/2 interface for Keyboard and Mouse
Expansion Bus	PCI (4 x PCI masters) and ISA bus LPC (Low Pin Count) connector
Storage	2 x Serial ATA ports with 600MB/s HDD transfer rate
Ethernet Chipset	1 x Realtek 8105E PCIe 10/100Base-T Ethernet controller
Audio Interface	Realtek ALC886 7.1 Channel HD Audio CODEC, Mic-in/ Line-in/Line-out

Display

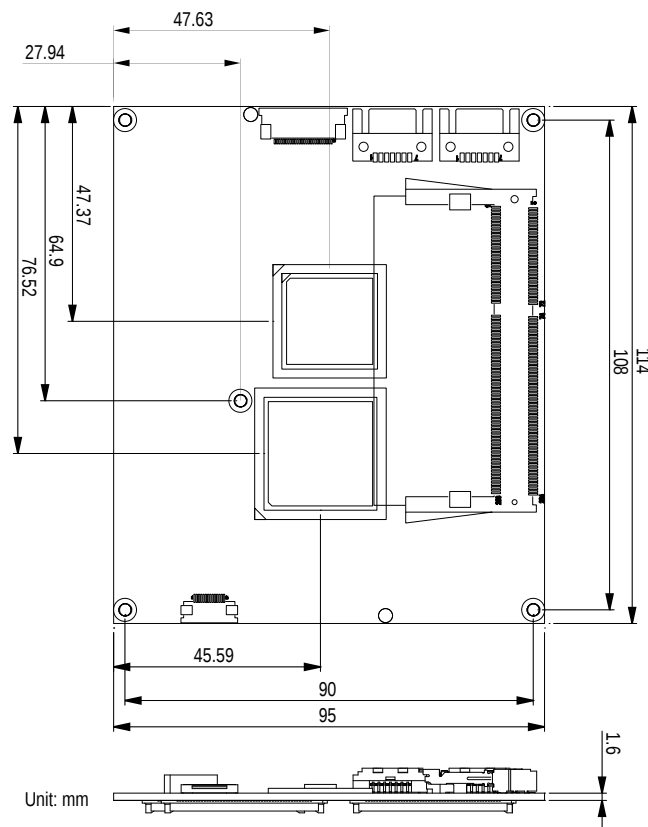
Graphics Chipset	Integrated in AMD G-series processor Analog RGB supports up to 2560x1600
Graphics Interface	LCD: Dual Channels 24-bit LVDS 1 x DDI port

All specifications are subject to change without notice.

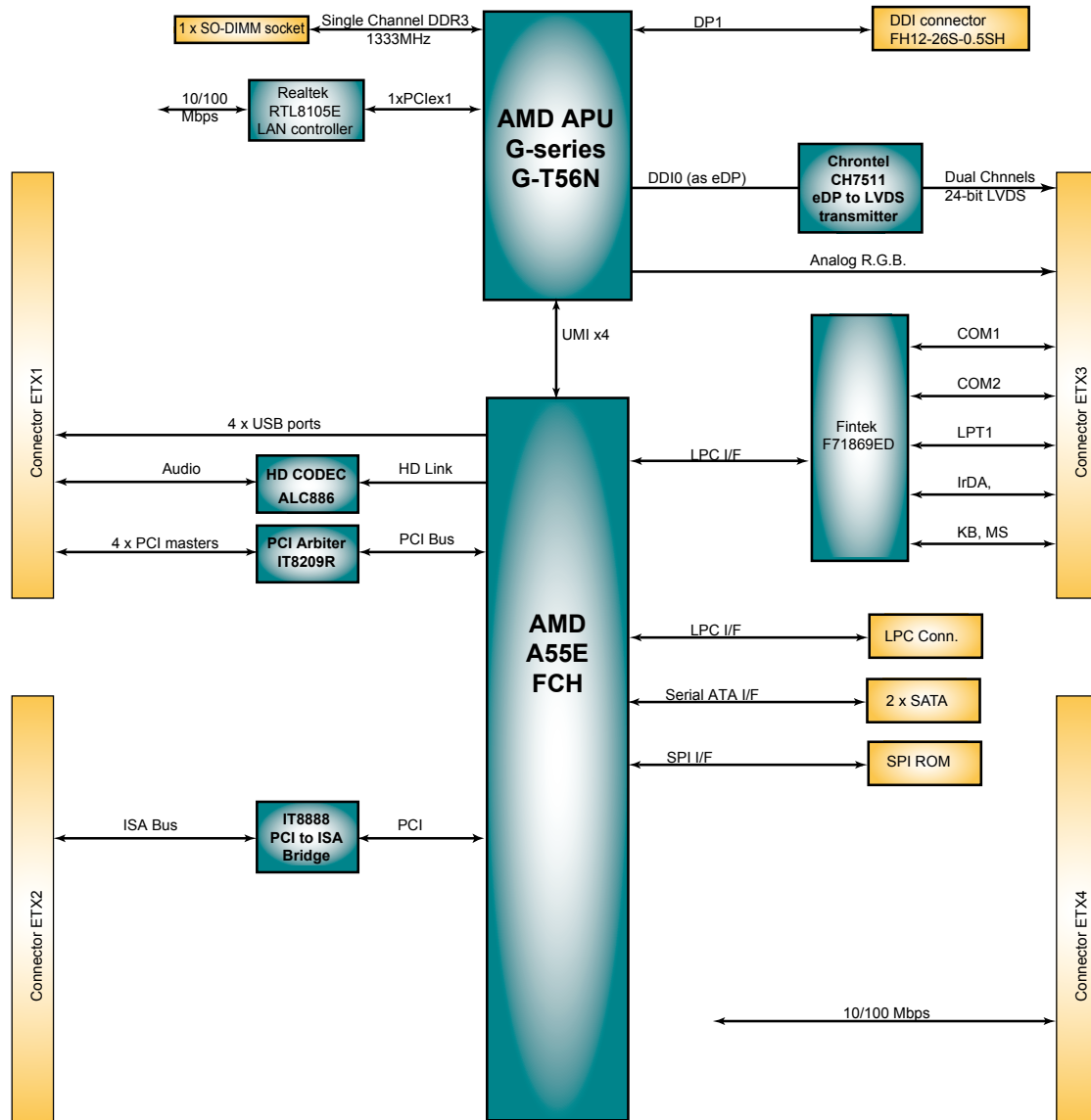
Mechanical & Environmental

Power Requirement	+5V, 5VSB
Power Consumption	3.23A@+5V (Typical)
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 95% (non-condensing)
Dimension (L x W)	114 x 95 mm (4.5" x 3.7")

Dimensions



Block Diagram



Ordering Information

EmETX-a55E0-T56N	AMD G-T56N Dual Core ETX CPU Module
HS-55E0-F1	Heat spreader (114x95x18mm)
HS-55E0-C1	CPU module cooler for 18W APU (114x95x29mm)
PBE-1000 R2.1	ETX® evaluation board in ATX form factor
CBK-05-1000-00	Cable kit 3 x COM port cables 1 x USB cable 2 x IDE cables

Page 56