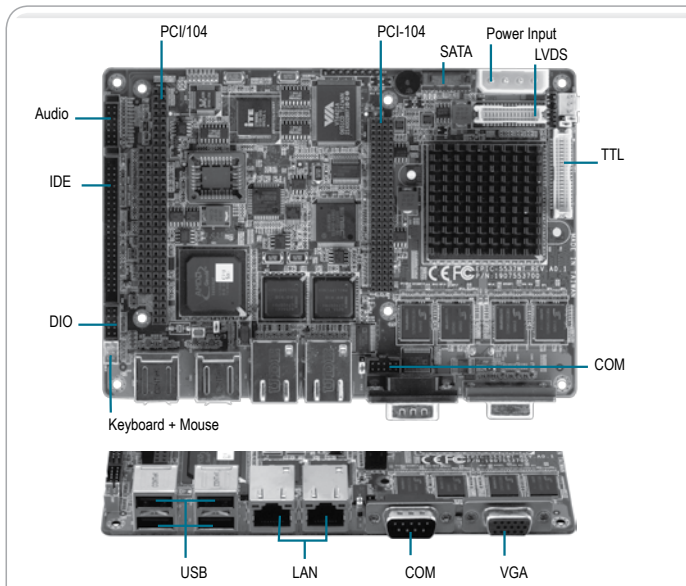


EPIC-5537

■ EPIC Board with Onboard AMD Geode™ LX 800 Processors



Features

- Onboard AMD Geode™ LX 800 Processor
- AMD LX Series + CS5536 Chipset
- Onboard DDR333 Memory 256 MB (Optional 512 MB)
- 10/100Base-TX Ethernet x 2
- CRT & Up To 24-bit Single Channel LVDS
- AC97 2.3 Codec 2CH Audio
- SATA x 1, EIDE x 1, CompactFlash™ x 1
- USB2.0 x 4, COM x 2, 8-bit Digital I/O
- PC/104+
- 5V Only Operation



Specifications

System	
Form Factor	EPIC
Processor	Onboard AMD Geode™ LX 800 (500 MHz) Processors
System Memory	Onboard DDR333 Memory – 256 MB (optional 512 MB)
Chipset	AMD LX series + CS5536
I/O Chipset	SMSC SCH3112
Ethernet	Intel® 82551ER, 10/100Base-TX, RJ-45 x 2
BIOS	Award Plug & Play BIOS - 1 MB ROM
Wake On LAN	None
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
Expansion Interface	PC/104+ (PCI-104 + PC/104)
Battery	Lithium battery
Power Requirement	5V Only, AT
Power Consumption (Typical)	AMD Geode LX 800 500MHz DDR 512MB +5V@1.95A
Board Size	4.53" (L) x 6.5" (W) (115mm x 165mm)
Gross Weight	1.2 lb (0.5 kg)
Operation Temperature	32°F ~ 140°F (0°C ~ 60°C), Optional: -4°F ~ 158°F (-20°C ~ 70°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	70,000
Display	
Supports CRT/LCD simultaneous/ dual view display	
Chipset	AMD LX 800 + TI SN75LVDS83
Memory	Shared system memory up to 254 MB
Resolutions	Up to 1920 x 1440 @ 24bpp colors for CRT Up to 1600 x 1200 @ 24bpp colors for LCD
LCD Interface	Up to 24-bit single-channel LVDS/TTL LCD(Configured by Manufacturer)
LCD Inverter	Yes, +5V or +12V
I/O	
Storage	SATA I x 1, EIDE x 1 (UDMA-100 for two devices), CompactFlash™ x 1
Serial Port	RS-232 x 2
USB	USB2.0 x 4
PS/2 Port	Keyboard+Mouse x 1
Digital I/O	Supports 8-bit (programmable)
Audio	Line-in, Line-out, Mic-in & CD-in

For Wide Temperature series of this model, please refer to Chapter 1 - Wide Temperature Boards, to get detailed specification of EPIC-5537W1.

Packing List

- **9681945700**
Cable Kit
1709070500 SATA Cable
1700060152 Keyboard/Mouse Cable, Length 15cm
- **9657666600**
Jumper Cap
- **Quick Installation Guide**
- **Utility CD**
- **EPIC-5537 w/heatsink**

Ordering Information

- **TF-EPIC-5537-A10**
EPIC, AMD LX 800, 18-bit LCD, DDR 256 MB, LAN, Audio, 2 COM, 4 USB, CompactFlash™, PC/104+, AT, Rev. A1.0
- **TF-EPIC-5537-A10-01**
EPIC, AMD LX 800, 24-bit LCD, DDR 256 MB, LAN, Audio, 2 COM, 4 USB, CompactFlash™, PC/104+, AT, Rev. A1.0

Optional Accessories

- **1702200205**
Power Cable, 20P ATX(M), 4P 5.08mm Housing(F), +6P 2.0mm Housing, 20cm
- **1701100206**
COM Cable, 9P DB Male, length 20cm
- **1702040109**
Power output Cable, length 10cm
- **1703030102**
Audio Cable, Audio Jack, length 10cm
- **1709070500**
SATA Cable, 7P Pitch 1.27mm, 5°Cm
- **TF-PCM-5600**
PC/104 56K Fax/Modem Module
- **TF-PCM-3660B**
PC/104 Ethernet Module
- **PCM-3794-A10**
PCI-104 Board Plus 2 PCMCIA Module
- **TF-PCM-FA00-A10**
PC/104 Board Plus to Mini-PCI Module converter