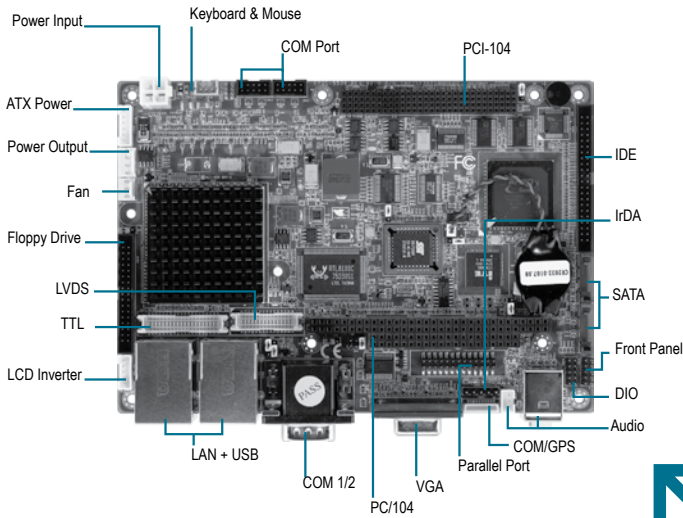


Onboard AMD Geode™ LX 800/900 (500/600MHz) Processors



Features

- Onboard AMD Geode™ LX 800/900 Processors
- SODIMM DDR 333 Max. 1GB and DDR400 Max. 512MB
- Up to 24-bit TTL/LVDS LCD Panel
- Dual 10/100Base-TX Ethernet (Optional Gigabit LAN)
- AC97 2.0 Codec 2 CH Audio
- PC/104+ Socket Expansions
- SATA I with RAID 0, 1
- Digital I/O (8-bit Programmable)



Specifications

System	
Form Factor	EPIC
Processor	Onboard AMD Geode™ LX 800 / 900 (500 / 600MHz) Processors (Optional: LX700)
System Memory	200-pin DDR SODIMM x 1, Max. 1GB for DDR333 & 512MB for DDR400
Chipset	AMD LX series + CS5536
I/O Chipset	ITE IT8712 + Fintek F81216DG
Ethernet	Realtek 8100C 10/100Mb Chip, RJ-45 x 2, (Optional RTL 8110S Gigabit LAN)
BIOS	Award Plug & Play BIOS – 1MB ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
Expansion Interface	PC/104+ (PC/104 + PCI-104)
Battery	Lithium battery
Power Requirement	+12V, AT/ATX
Power Consumption (Typical)	LX800 500MHz, DDR333 1GB 1.35A@+12V
Board Size	4.53" (L) x 6.50" (W) (115mm x 165mm)
Gross Weight	1.2lb (0.5KG)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	70,000
Display	
Supports CRT / LCD simultaneous display	
Chipset	AMD Geode™ LX + TI SN 75 LVDS 83
Memory	Shared system memory up to 254MB
Resolutions	Up to 1920 x 1440 @ 24-bit for CRT Up to 1600 x 1200 @ 24-bit for LCD
LCD Interface	Up to 24-bit single channel TTL / LVDS TFT LCD (18/24-bit single channel LVDS is configured by manufacturer)
LCD Inverter	Yes, 5V or 12V
I/O	
Storage	EIDE x 1 (UDMA 100), SATA I x 2, Type II CompactFlash™ x 1, FDD x 1
Serial Port	RS-232 x 3, TTL only/ GPS x 1, RS-232/422/485 x 1
Parallel Port	SPP/ EPP/ ECP mode
USB	USB2.0 x 4
PS/2 Port	Keyboard + Mouse x 1
Digital I/O	Supports 8-bit (Programmable)
IrDA	Optional one IrDA Tx/Rx header
Audio	Line-In, Line-Out & MIC-In

Packing List

- **9681945600**
Cable Kit for EPIC-5536
- **9657666600**
Jumper Cap
- **Quick Installation Guide**
- **Utility CD**
- **EPIC-5536**

Ordering Information

- **TF-EPIC-5536-A10 (Fanless)**
EPIC, LX800 500MHz, 24-bit LCD, DDR, LAN, Audio, 5 COM, USB2.0, CompactFlash™, PC/104+, Rev. A1.0
- **TF-EPIC-5536-A10-01 (Fanless)**
EPIC, LX800 500MHz, 18-bit LCD, DDR, LAN, Audio, 5 COM, USB2.0, CompactFlash™, PC/104+, Rev. A1.0

Optional Accessories

- **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