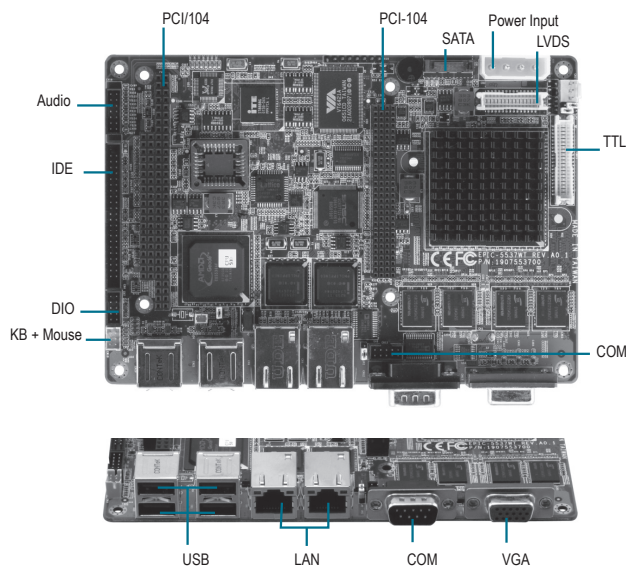


EPIC-5537

EPIC Board with Onboard AMD Geode™ LX800/ 900 Processors

02

EPIC Boards



Features

- Onboard AMD Geode™ LX Series Processor
- AMD LX Series + CS5536 Chipset
- Onboard DDR333 Memory 256MB (Optional 512MB)
- 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
- PCI/104+ Expansion
- 5V Only Operation, AT Power Type



Specifications

System	
Form Factor	EPIC
Processor	Onboard AMD Geode™ LX800/ 900 (500/600MHz) Processors (Optional: LX700)
System Memory	Onboard DDR333 Memory – 256MB (optional 512MB)
Chipset	AMD LX series + CS5536
I/O Chipset	SMSC SCH3112
Ethernet	Intel® 82551IT, 10/100Base-TX, RJ-45 x 2
BIOS	Award Plug & Play BIOS - 1MB 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)	TBD
Board Size	4.53" (L) x 6.5" (W) (115mm x 165mm)
Gross Weight	1.2 lb (0.5kg)
Operation Temperature	32F ~ 140F (0C ~ 60C), Optional: -40F~185F(-40C ~ 85C)
Storage Temperature	-40F ~ 176F (-40C ~ 80C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	—
Display	
	Supports CRT/LCD simultaneous/ dual view display
Chipset	AMD LX series + TI SN75LVDS83
Memory	Shared system memory up to 254MB
Resolutions	Up to 1920x1440 @ 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 x 1, EIDE x 1 (UDMA-100 for two devices), CompactFlash™ x 1
Serial Port	RS-232 x 1, RS-232/422/485 x 1
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

Packing List

- **9681945600**
Cable kit
1701440500 IDE Cable, length 30+20cm
1700060152 Keyboard/Mouse Cable, length 15cm
- **9657666600**
Jumper Cap
- Quick Installation Guide
- Utility CD
- EPIC-5537 w/heatsink

Ordering Information

- TBD

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, 50cm
- **TF-PCM-5600**
PC/104 56K Fax/Modem Module
- **TF-PCM-3660B**
PC/104 Ethernet Module
- **PCM-3794-A10**
PC/104 Board Plus 2 PCMCIA Module
- **TF-PCM-FA00-A10**
PC/104 Board Plus to Mini PCI Module converter