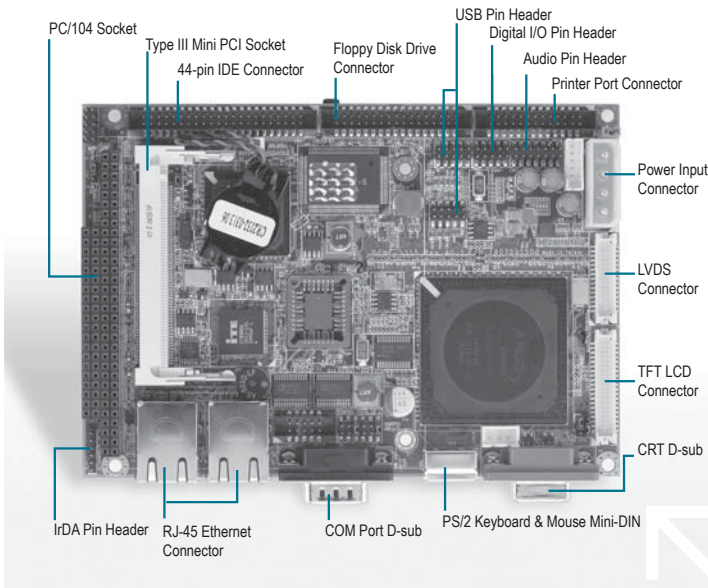


AMD Geode™ LX Series Processors



Specifications

System	
Form Factor	3.5"
Processor	Onboard AMD Geode™ LX800 series processor (LX700 optional)
System Memory	200-pin DDR SODIMM x 1, Max 1GB for DDR333 and 512MB for DDR400
Chipset	AMD Geode™ LX + AMD CS5536
I/O Chipset	ITE IT8715 + IT8888G
Ethernet	Realtek RTL8139DL, 10/100Base-TX, RJ-45 x 2
BIOS	AWARD 512KB Flash ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
Solid Storage Disk	Type II CompactFlash™ slot x 1
Expansion Interface	Mini PCI x 1, PC/104 x 1
Battery	Lithium battery
Power Requirement	+5V / AT / ATX
Power Consumption (Typical)	AMD Geode™ LX 800 (500 MHz), DDR 333 1 GB ATX Power: LX 700: 1.23A@5V AT Power: LX 800: 1.25A@5V
Board Size	5.75" (L) x 4" (W) (146mm x 101.6mm)
Gross Weight	0.88 lb (0.4 Kg)
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)	95,234
Display	
Chipset	AMD Geode™ + TI SN75LVDS83
Memory	Shared system memory up to 254MB
Resolutions	Up to 1920 x 1440 @ 24bpp for CRT Up to 1600 x 1200 @ 24bpp for LCD
LCD Interface	Up to 24-bit TTL/LVDS TFT LCD
I/O	
MIO	EIDE x 1 (UDMA-33 x 1), Floppy Disk Drive x 1, Keyboard+Mouse x 1, RS-232 x 1, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/ Rx header
Audio	MIC-in, Line-in, Line-out, CD-in
USB	Two 5x2 box headers support 4 USB2.0 ports (Does not support wake-up function)
Digital I/O	Supports 8-bit (programmable)

Features

- Onboard AMD Geode LX 800 (LX700 Optional) Processor
- Supports One SODIMM DDR333 up to 1GB and DDR400 for 512MB
- Supports up to 24-bit LVDS
- Supports Dual 10/100Base-TX Ethernet
- Supports Type III Mini PCI and PC/104
- Supports IDE, RS-232/422/485, Parallel
- Supports AC97 2 Channel
- Supports 4 USB2.0, 8-bit Digital I/O, IrDA



Packing list

- 9681531500**
Cable Kit for GENE-5315
 - 1700140510 Audio Cable
 - 1700060192 Keyboard & Mouse Cable
 - 1709100201 USB Cable
 - 1701100207 Serial Port Cable
 - 1701260201 Parallel Port Cable
 - 1701440500 IDE Cable 3.5"
 - 1701340600 Floppy Cable
- 9657666600**
Jumper Cap
- Quick Installation Guide**
- Utility CD**
- GENE-5315**

Ordering Information

- TF-GENE-5315-A10**
3.5" Board, LX800 500MHz, 24-bit LVDS, DDR, LAN, Audio, 2 COM, USB2.0, CF, Mini PCI, PC/104, AT/ATX, Rev. A1.0
- TF-GENE-5315-A10-01**
3.5" Board, LX800 500MHz, 18-bit LVDS, DDR, LAN, Audio, 2 COM, USB2.0, CF, Mini PCI, PC/104, AT/ATX, Rev. A1.0

Optional Accessories

- 1702200205**
Conversion Cable for AT to ATX Power Supply (200 ± 10 mm)
- TF-PCM-5600**
PC/104 56K Fax/ Modem Module
- TF-PCM-3660B**
PC/104 Ethernet Module
- TF-PCM-3115B**
PC/104 2-slot PCMCIA Module
- TF-PER-C10L-A10**
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- TF-PER-C10L-A10-01**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Realtek 8110S
- TF-PER-C10L-A10-02**
Mini PCI 10/100 Base-TX Ethernet Module with Intel® 82551QM
- TF-PER-C10L-A10-03**
Mini PCI 10/100/1000 Base-TX Ethernet Module with Intel® 82541GI
- TF-PER-C30F-A10**
Mini PCI 3-port IEEE 1394a Module
- TF-PER-V30C-A10**
Mini PCI Single Channel Capture Module with Philips SAA7135
- TF-PER-C40C-A10**
Mini PCI 2-port RS-232 Module Rev. A1.0
- TF-PER-C40C-A10-01**
Mini PCI 4-port RS-232 Module Rev. A1.0