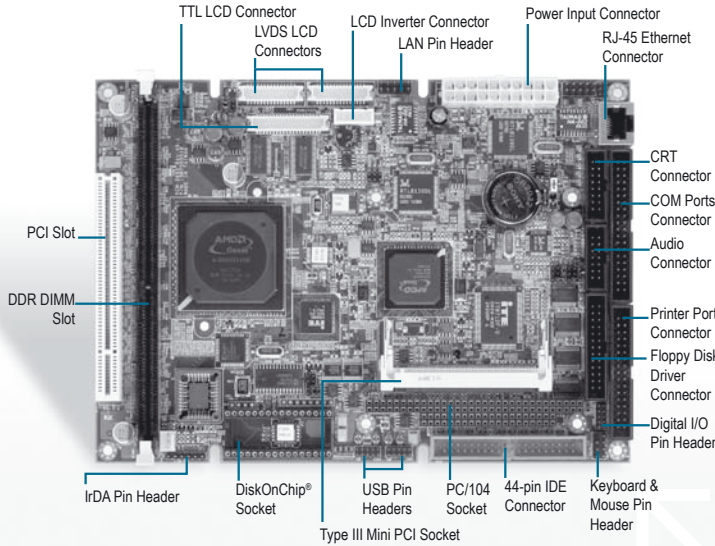


## AMD Geode™ LX Series Processors



## Features

- Onboard AMD Geode™ LX 800 (LX700/900 Optional) Processors
- One DIMM DDR 333 up to 1GB/ DDR 400 up to 512MB
- Supports up to 24-bit, Two LVDS
- Dual 10/100Base-TX Ethernet
- Mini PCI, PCI and PC/104
- IDE, RS-232/422/485, Parallel
- AC97 2 Channel
- USB2.0 x 4, 16-bit Digital I/O, IrDA
- CAN Bus (Optional)



## Packing List

- 9657666600  
Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-5895

## Ordering Information

- **TF-PCM-5895-A10**  
5.25" Board, LX800 500MHz, 18-bit LVDS, DDR, LAN, 4COM, USB2.0, CF&DOC, PC/104, Mini PCI, PCI, Rev.A1.0
- **TF-PCM-5895-A10-01**  
5.25" Board, LX800 500MHz, 24-bit LVDS, DDR, LAN, 4COM, USB2.0, CF&DOC, PC/104, Mini PCI, PCI, Rev.A1.0

## Optional Accessories

- **TF-PER-A030**  
Cable Kit for PCM-5895
- **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
- **TFPER-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

## Specifications

System	
Form Factor	5.25"
Processor	Onboard AMD Geode™ LX800 (LX 700/ 900 optional) Processors
System Memory	184-pin DDR DIMM x 1, DDR333 up to 1GB/ DDR400 up to 512MB
Chipset	AMD Geode™ LX + CS5536
I/O Chipset	ITE IT8712 + IT8888G
Ethernet	Realtek RTL8139DL, 10/100Base-TX x 2, RJ-45 x 1 & pin header x 1
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, temperature monitoring
Solid Storage Disk	Type II CompactFlash™ slot x 1, DiskOnChip® x 1
Expansion Interface	Mini PCI x 1, PCI x 1, PC/104 x 1
Battery	Lithium battery
Power Requirement	+5V / AT / ATX
Power Consumption (Typical)	—
Board Size	8" (L) x 5.72" (W) (203mm x 146mm)
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)	—
Display	
	Supports CRT/ LCD, CRT/ TV, LCD/LCD and LCD/TV simultaneous 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 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 3, 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 5 x 2 box headers support 4 USB2.0 ports
Digital I/O	Supports 16-bit (programmable)
CAN Bus	Supports one port (optional)