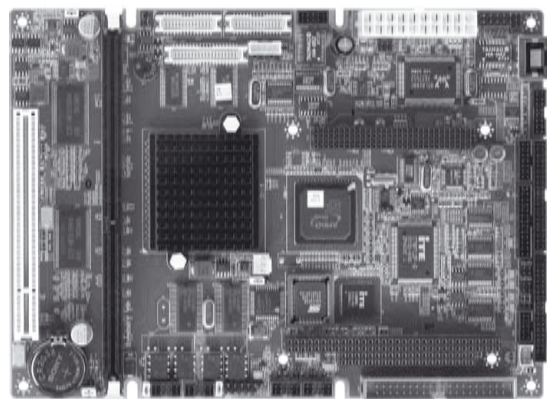


PCM-5895/ PCM-5895 Rev.B

AMD Geode™ LX Series Processors

01

Compact Boards



Features

- **AMD Geode™ LX800/ 900**
- **DDR 333/400 DIMM Memory Up to 1 GB**
- **Up to 24-bit LVDS TFT Panel, TTL/ LVDS LCD, CRT**
- **Dual 10/100 Base-TX Ethernet**
- **PCI x 1, PC/104, PC/104+ (Rev. B)**
- **CompactFlash™ Type II Slots**
- **CAN Bus x 2 (Rev. B)**
- **8-bit Digital I/O x 1/ USB x 4/ COM x 4**
- **Onboard Memory 128/256MB (Rev. B)**



Specifications

System	
Form Factor	5.25"
Processor	Onboard AMD Geode™ LX800 (900 optional) Processors
System Memory	184-pin DDR DIMM x 1, max 1GB (DDR-333/400), optional memory onboard 128/256 MB (Rev. B)
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 1MB Flash ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, temperature monitoring
Expansion Interface	Mini PCI x 1, PCI x 1, PC/104 x 1, PC/104+ (Rev. B)
Battery	Lithium battery
Power Requirement	+5V/ AT/ ATX
Power Consumption (Typical)	AMD LX900 (600MHz) DDR400 1GB +5V @ 2.40A
Board Size	8" (L) x 5.75" (W) (203mm x 146mm)
Gross Weight	1.21b (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)	80,000
Display	
Chipset	AMD Geode™
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	
Storage	EIDE x 1 (UDMA 100), Type II CompactFlash™ x 1, DiskOnChip x 1, Floppy Disk Drive x 1
Serial Port	RS-232 x 3, 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 16-bit (Programmable)
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, CD-in
CAN Bus	Supports two ports (Rev. B)

Packing List

- **9657666000**
Jumper Cap
- **Quick Installation Guide**
- **Utility CD**
- **PCM-5895B or PCM-5895**

Ordering Information

- **TF-PCM-5895-A10**
5.25" Board, LX800 500MHz, 18-bit LVDS, DDR, LAN, 4COM, USB2.0, CompactFlash™ & 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, CompactFlash™ & DOC, PC/104, Mini-PCI, PCI, Rev.A1.0
- **TF-PCM-5895-B10**
5.25" Board, LX800 500MHz, 18-bit LVDS, DDR, 256MB-down, 2LAN, 4COM, 6USB, CompactFlash™, Mini-PCI, PC/104+, 2CAN, Rev.B1.0
- **TF-PCM-5895-B10-01**
5.25" Board, LX800 500MHz, 24-bit LVDS, DDR, 256MB-down, 2LAN, 4COM, 6USB, CompactFlash™, Mini-PCI, PC/104+, 2CAN, Rev.BA1.0

Optional Accessories

- **TF-PER-A030**
Cable Kit for PCM-5895
- **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-A11**
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
- **TF-PCM-3521B1-A1-A10-01**
PC/104 Board VGA Module with Topro TP65081QG