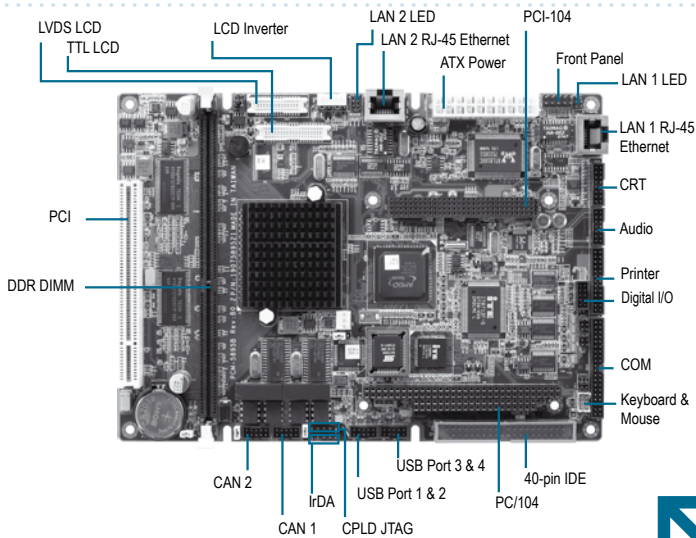


PCM-5895 Rev.B

AMD Geode™ LX Series Processor



Features

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



Specifications

System	
Form Factor	5.25"
Processor	Onboard AMD Geode™ LX800 (900 optional) Processor
System Memory	184-pin DDR DIMM x 1, max 1GB (DDR-333/400), or onboard memory 256 MB
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+
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	1.2lb (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)	80,000
Display	
Supports CRT/ LCD and CRT/TV simultaneous 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
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 8-bit (Programmable)
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out, CD-in
CAN Bus	Supports two ports

Packing List

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

Ordering Information

- **TF-PCM-5895-B10**
5.25" Board, LX800 500MHz, 18-bit LVDS, DDR, 2LAN, 4COM, 6USB, CompactFlash™, Rev.B1.0
- **TF-PCM-5895-B10-01**
5.25" Board, LX800 500MHz, 24-bit LVDS, DDR, 2LAN, 4COM, 6USB, CompactFlash™, Rev.B1.0
- **TF-PCM-5895-B10-02**
5.25" Board, LX800 500MHz, 18-bit LVDS, DDR, 256MB onboard, 2LAN, 4COM, 6USB, CompactFlash™, PC/104+, 2CAN, Rev.B1.0
- **TF-PCM-5895-B10-03**
5.25" Board, LX800 500MHz, 24-bit LVDS, DDR, 256MB onboard, 2LAN, 4COM, 6USB, CompactFlash™, PC/104+, 2CAN, Rev.B1.0

Optional Accessories

- **TF-PER-K004**
Cable Kit for PCM-5895 Rev.B
- **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