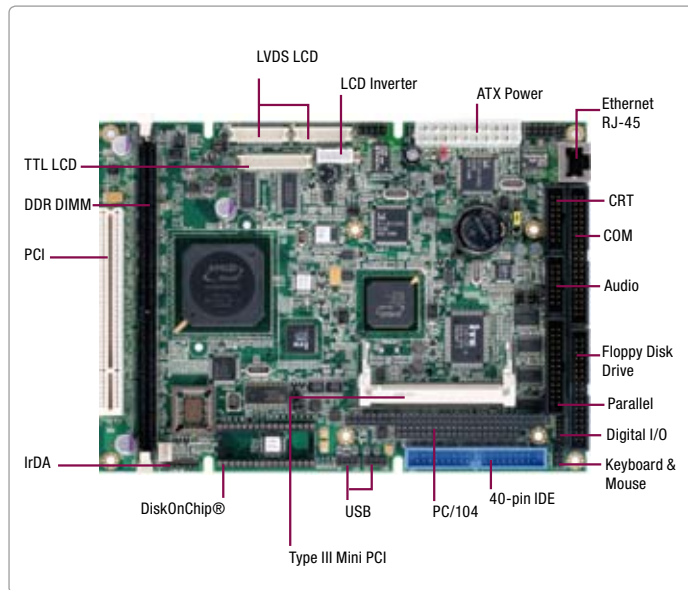


PCM-5895 Rev. A

Compact Board with AMD Geode™ LX Series Processor



Specifications

System	
Form Factor	5.25"
Processor	Onboard AMD Geode™ LX800 (500 MHz) Processor
System Memory	184-pin DDR DIMM x 1, Max 1 GB (DDR333/400)
Chipset	AMD Geode™ LX + CS5536
I/O Chipset	ITE IT8712 + IT8888G
Ethernet	Realtek RTL8139DL, 10/100Base-TX, RJ-45 x 1 & pin header x 1
BIOS	Award 1 MB 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
Battery	Lithium battery
Power Requirement	+5V/ AT/ ATX
Power Consumption (Typical)	AMD Geode™ LX800 (500 MHz) DDR400 256MB 2.33A@+5V
Board Size	8" (L) x 5.75" (W) (203mm x 146mm)
Gross Weight	1.2 lb (0.5 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)	80,000
Display	
	Supports CRT/ LCD simultaneous display
Chipset	AMD Geode™ LX integrated
Memory	Shared system memory up to 254 MB
Resolutions	Up to 1920 x 1440 @ 24bpp for CRT Up to 1600 x 1200 @ 24bpp for LCD
LCD Interface	Up to 24-bit LVDS, TTL, CRT
I/O	
Storage	EIDE x 1 (UDMA 100 for one device), Type 2 CompactFlash™ 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 x 1, 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

Features

- AMD Geode™ LX800 Processor
- AMD Geode™ LX + CS5536
- DIMM DDR 333/400 Memory Up To 1 GB
- 10/100Base-TX Ethernet x 2
- Up To 24-bit LVDS/TTL LCD, CRT
- AC97 2CH Audio
- Type 2 CompactFlash™ x 1, EIDE x 1, Floppy Disk Drive x 1
- USB x 4, COM x 4, 8-bit Digital I/O
- PCI x 1, Mini PCI, PC/104 x 1
- +5V Only Operation/ AT/ ATX



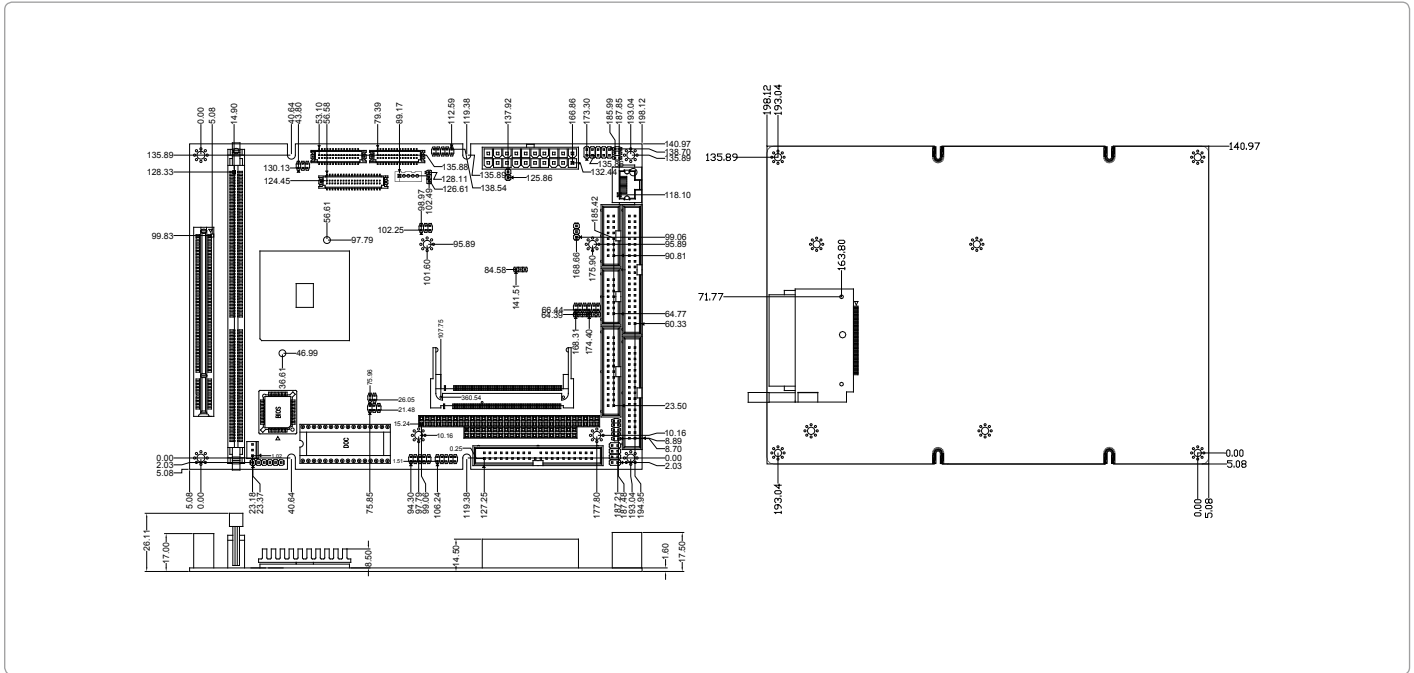
Packing List

- 9657666000
Jumper Cap
- Product CD
- PCM-5895 Rev.A

PCM-5895 Rev. A

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Fan/Fan-less	Display	LVDS	Storage	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp
TF-PCM-5895-A10	AMD Geode™ LX800	Fanless	CRT + LVDS CRT + TTL	18b, 1CH	IDE x 1 CompactFlash™ x 1	FE x 1	4	3	1	Mini PCI x 1 PCI x 1 PCI-104 x 1	ATX	0°C ~ 60°C
TF-PCM-5895-A10-01	AMD Geode™ LX800	Fanless	CRT + LVDS CRT + TTL	24b, 1CH	IDE x 1 CompactFlash™ x 1	FE x 1	4	3	1	Mini PCI x 1 PCI x 1 PCI-104 x 1	ATX	0°C ~ 60°C

Optional Accessories

- **TF-PER-A030**
Cable Kit for PCM-5895
- **TF-PCM-3660-B10**
PC/104 Ethernet Module
- **TF-PCM-3115C**
PC/104 2-slot PCMCIA Module
- **TF-PER-C10L-A10**
Mini PCI 10/100Base-TX Ethernet Module with Realtek 8100C
- **TF-PER-C10L-A10-01**
Mini PCI 10/100/1000Base-TX Ethernet Module with Realtek 8110S
- **TF-PER-C10L-A10-02**
Mini PCI 10/100Base-TX Ethernet Module with Intel® 82551QM
- **TF-PER-C10L-A10-03**
Mini PCI 10/100/1000Base-TX Ethernet Module with Intel® 82541GI
- **TF-PER-C30F-A10**
Mini PCI 3-port IEEE-1394a Module