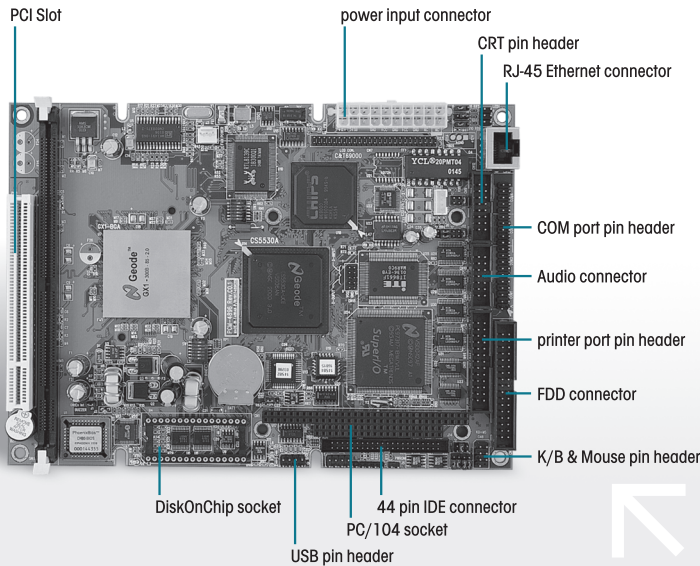


PCM-4896/L

AMD Geode™ GX1 Processor



Specifications

System	
CPU	AMD Geode GX1 300MHz
System Memory	168-pin SDRAM DIMM x 1, Max. 256MB (PC 66/100)
Chipset	AMD Geode CS5530A
I/O Chipset	NS NS97317/ITE IT8661F
Ethernet	Realtek RTL8139C, 10/100Base-Tx RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generate a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperatures monitoring
SSD	DiskOnChip up to 1GB
Expansion Interface	PCI slot x 1, PC/104 socket x 1
Battery	Lithium battery
Power Requirement	ATX
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)
Display (PCM-4896)	Supports LCD / CRT simultaneous display
Chipset	C&T 69000
Memory	Built-in 2MB
Resolutions	up to 1024x768@16bpp colors for CRT up to 1024x768@18bpp colors for LCD
LCD Interface	up to 36-bit dual channel TTL TFT/DSTN/Mono LCD
Display (PCM-4896L)	Supports LCD / CRT simultaneous display
Chipset	AMD Geode CS5530A
Memory	Shared system memory up to 4MB
Resolutions	up to 1600x1200@256 colors for CRT up to 1024x768@18bpp colors for LCD
LCD Interface	up to 18-bit TTL TFT LCD
I/O	
MIO	EIDE x 1 (UDMA33 x 1), FDD x 1, KB+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
USB	One 4x2 pin header supports 2 USB 1.1 ports

Features

- Onboard AMD Geode™ GX1 Processor
- 36-bit Dual channel TTL TFT/DSTN/MONO LCD
- AC-97 high-quality Audio
- Supports PCI and PC/104 slots
- Supports DiskOnChip® Memory
- 4 COM / 2 USB / Digital I/O



Packing List

- 965766600 Jumper Cap
- Quick Installation Guide
- Utility CD
- PCM-4896 or PCM-4896L

Ordering Informations

- PCM-4896-C10**
Compact Board, GX1-300MHz, with LCD, LAN, Audio, 4 COM, Rev.C1.0
- PCM-4896-C10-01**
Compact Board, GX1-233MHz, with LCD, LAN, Audio, 4 COM, Rev.C1.0
- PCM-4896-C10-Q01**
Compact Board, XpressROM, GX1-300MHz, with LCD, LAN, Audio, 4 COM, Rev.C1.0
- PCM-4896L-C10**
Compact Board, GX1-300MHz, LCD, LAN, Audio, 4 COM, Rev.C1.0
- PCM-4896L-C10-Q01**
Compact Board, XpressROM, GX1-300MHz, LCD, LAN, Audio, 4 COM, Rev.C1.0

Accessory Options

- PCM-10489-5**
Wiring Kit for PCM-4896/4896L/5896/6890B
- PER-1110-A10**
Riser Card for PCI, 2-slot, PCM-4896/4896L/5896/6890B/6892/6893/6894/6896, Rev.A1.0
- OS-CE-420-4896**
Windows CE .NET (Rev.4.2) SDK for PCM-4896-C10-Q01, English Version
- CFC-032**
32MB CompactFlash Card, 3.3/5V, suggested for Windows CE .NET image

1
Compact Board2
Sub Compact Board3
Full-Size CPU Card4
Half-Size CPU Card5
Media PC6
Embedded ATX Board7
PC/104 Module8
Mini PCI Module9
Accessory