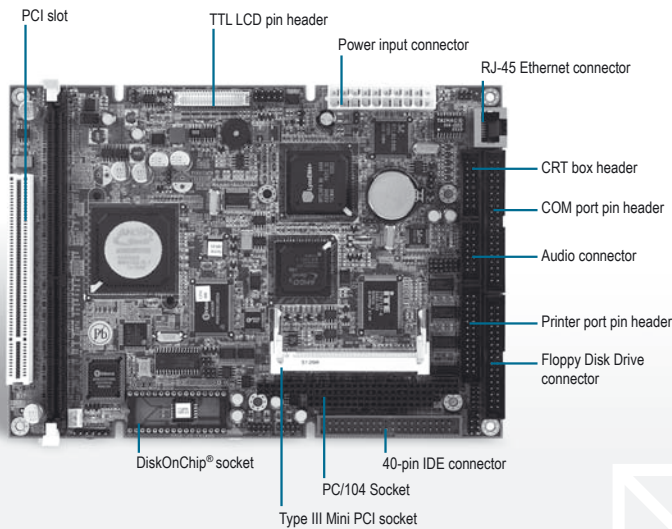


# PCM-5893

Industrial Computing Platform Partner

## NS Geode™ GX Series Processor



## Specifications

System	
Processor	Onboard AMD Geode™ GX 466/ 500(optional)/ 533 processor
System Memory	184-pin DDR SDRAM DIMM x 1, Max. 512MB (DDR 266)
Chipset	AMD Geode™ CS5535
I/O Chipset	ITE IT8712IX
Ethernet	Realtek RTL 8100BL, 10/100Base-TX RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
SSD	Type II CompactFlash™ slot x 1, DiskOnChip®
Expansion Interface	PCI slot x 1, PC/104 socket x 1, Type III Mini PCI socket x 1, PCI to ISA solution: ITE-8888
Battery	Lithium battery
Power Requirement	5V/ AT/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	
Chipset	SMI SM 712
Memory	Built-in 4MB SDRAM
Resolutions	Up to 1280x1024@32bpp colors for CRT Up to 1280x1024@36bpp colors for LCD Up to 800x600@24-bit for DSTN
I/O	
MIO	EIDE x 1(UDMA66x 1), Floppy Disk Driver 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 5x2 pin headers support 4 USB1.1 ports
Digital I/O	Supports 8 in or 8 out

## Features

- Onboard AMD Geode™ GX 466/500(Optional)/533 Series Processor
- 18/24/36-bit Dual Channel TTL TFT/ 24-bit DSTN LCD
- Supports Type II CompactFlash™ and DiskOnChip®
- Supports Type III Mini PCI, PC/104 and PCI Slots
- 4 COM/ 4 USB/ Digital I/O
- Supports CAN Bus (Optional)
- Supports DDR Memory
- +5V Only Operation



## Packing List

- 9657666600 Jumper Cap
- Utility CD
- Quick Installation Guide
- PCM-5893

## Ordering Information

- **TF-PCM-5893-A10**  
5.25" Board, GX533 400MHz, LCD, DDR, LAN, Audio, 4COM, USB, CF&DOC, PC/104, M-PCI, PCI, AT/ATX, Rev. A1.0
- **TF-PCM-5893-A10-01**  
5.25" Board, GX466 333MHz, LCD, DDR, LAN, Audio, 4COM, USB, CF&DOC, PC/104, M-PCI, PCI, AT/ATX, Rev. A1.0

## Optional Accessories

- **PER-A011**  
Cable Kit for PCM-5893/PCM-5893L
- **PCM-5600**  
PC/104 56K Fax/Modem Module
- **PCM-3660B**  
PC/104 Ethernet Module
- **PCM-3115B**  
PC/104 2-slot PCMCIA Module
- **PER-C10L-A10**  
Mini PCI 10/100 Base-TX Ethernet Module with Realtek 8100C
- **PER-C10L-A10-01**  
Mini PCI 10/100/1000 Base-TX Ethernet Module with Realtek 8110S
- **PER-C10L-A10-02**  
Mini PCI 10/100 Base-TX Ethernet Module with Intel® 82551QM
- **PER-C10L-A10-03**  
Mini PCI 10/100/1000 Base-TX Ethernet Module with Intel® 82541GI
- **PER-C30F-A10**  
Mini PCI 3-port IEEE 1394a Module
- **PER-V30C-A10**  
Mini PCI Single Channel Capture Module with Philips SAA7135
- **PER-C40C-A10**  
Mini PCI 2-port RS-232 Module Rev. A1.0
- **PER-C40C-A10-01**  
Mini PCI 4-port RS-232 Module Rev. A1.0