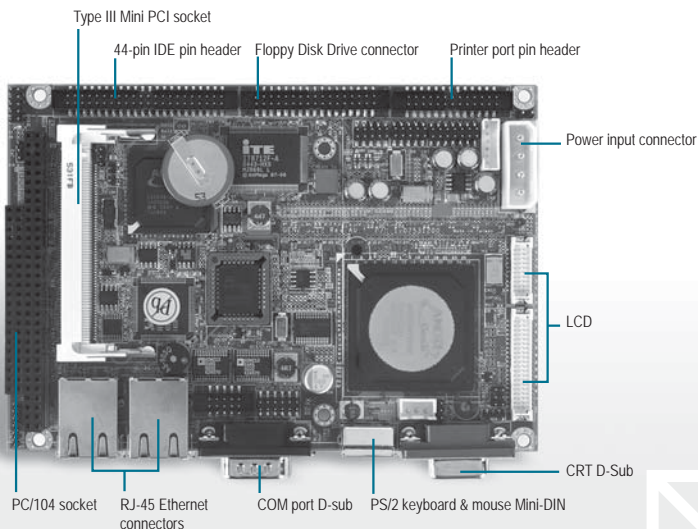


PCM-5312

Industrial Computing Platform Partner

AMD Geode™ GX Series Processor



Features

- Onboard AMD Geode™ GX 466/500(Optional)/533 Series Processor
- 18/24-bit TTL TFT LCD, TTL/ LVDS (Optional)
- Supports DDR Memory
- Supports Type II CompactFlash™
- Supports Type III Mini PCI & PC/104
- 2 COM / 2 USB / Digital I/O
- +5V Only Operation



Specifications

| System | |
|-----------------------|--|
| Processor | Onboard AMD Geode™ GX 466/500(optional)/533 CPU |
| System Memory | 200-pin DDR SDRAM SODIMM x 1, Max. 512MB (DDR 266) |
| Chipset | AMD Geode™ + CS5535 |
| I/O Chipset | ITE IT8712F |
| Ethernet | Realtek RTL 8100, 10/100Base-TX RJ-45 connector x 2 |
| 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 |
| Expansion Interface | PC/104 socket x 1, Type III Mini PCI socket x 1 |
| Battery | Lithium battery |
| Power Requirement | 5V/AT/ATX |
| Board Size | 5.75"(L) x 4"(W) (146mm x 101.6mm) |
| Gross Weight | 1.2lb (0.5kg) |
| Operating Temperature | 32°F~ 140°F (0°C ~ 60°C) |
| Display | |
| Chipset | AMD Geode™ GX |
| Memory | Shared System Memory up to 16MB |
| Resolutions | up to 1280x1024@24bpp colors for CRT up to 1024x768@24bpp colors for LCD |
| LCD Interface | 18/24-bit TTL/ LVDS (optional) TFT/ LCD |
| I/O | |
| MIO | EIDE x 1(UDMA 33 x 1), FDD x 1, Keyboard+Mouse x 1, RS-232 x 1, 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 | One 5x2 pin header support 2 USB1.1 ports |
| Digital I/O | Supports 8 in or 8 out |

Packing List

- **9657666600**
Jumper Cap
- **9681531200**
Cable Kit
 - 1700140510 Audio Cable
 - 1700060192 Keyboard & Mouse Cable
 - 1709100201 USB Cable
 - 1701100207 Serial Port Cable
 - 1701260201 Parallel Port Cable
- 1701440500 IDE Cable 3.5"
- 1701340600 Floppy Cable
- 1702200205 Power Cable
- **Quick Installation Guide**
- **Utility CD**
- **PCM-5312**

Ordering Information

- **PCM-5312**
TF-3.5" Board, GX553 400MHz, LCD, SDM, LAN, Audio, 2COM, USB, CF, PC/104, M-PCI, AT/ATX, Rev.A1.0
- **PCM-5312-01**
TF-3.5" Board, GX466 333MHz, LCD, SDM, LAN, Audio, 2COM, USB, CF, PC/104, M-PCI, AT/ATX, Rev.A1.0

Optional Accessories

- **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