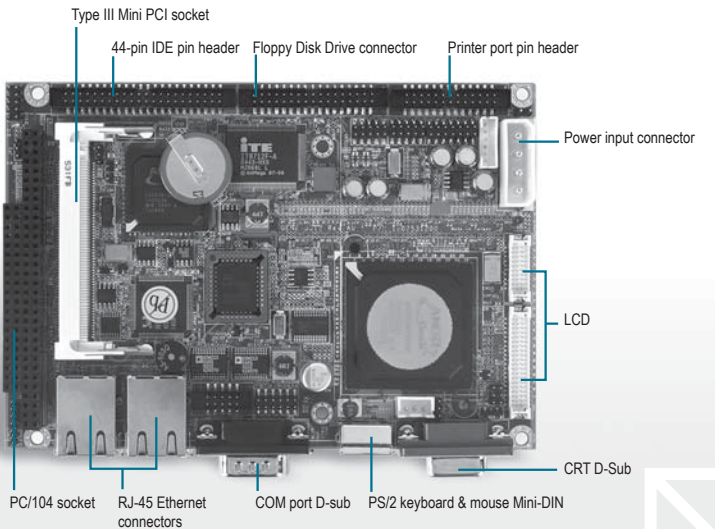


GENE-5312

AMD Geode™ GX Series Processor



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

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



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**
- GENE-5312**

Ordering Information

- TF-GENE-5312-A10**
TF-3.5" Board, GX533 400MHz, LCD, SDM, LAN, Audio, 2COM, USB, CF, PC/104, M-PCI, AT/ATX, Rev.A1.0
- TF-GENE-5312-A10-01**
TF-3.5" Board, GX466 333MHz, LCD, SDM, LAN, Audio, 2COM, USB, CF, PC/104, M-PCI, AT/ATX, Rev.A1.0
- TF-GENE-5312-A20**
3.5" Board, GX533 400MHz, 18-bit LVDS, DDR, LAN, Audio, 2COM, USB, CF, PC/104, M-PCI, AT/ATX, Rev.A2.0
- TF-GENE-5312-A20-01**
3.5" Board, GX466 333MHz, 18-bit LVDS, DDR, LAN, Audio, 2COM, USB, CF, PC/104, M-PCI, AT/ATX, Rev.A2.0

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