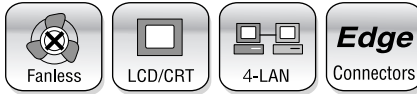




# ECP-5414

## AMD Geode™ GX1 Communication Platform



### Specifications

#### System

CPU	Onboard AMD Geode™ GX1 300 MHz
BIOS	Award 256 KB Flash BIOS
System Chipset	AMD Geode™ GX1/CS5530A
I/O Chip	Winbond W83977F-A
System Memory	One 168-pin DIMM socket supports up to 256 MB SDRAM Optional 64 MB SDRAM onboard
SSD	One M-Systems DiskOnChip, one CompactFlash Type I/II socket
Watchdog Timer	Reset/IRQx; 16 sec. ~ 127 min. and 30 sec./step
Expansion	One PCI slot

#### I/O

MIO	4 x EIDE (Ultra DMA 33), 2 x FDD, 1 x LPT, 2 x RS-232, 1 x K/B & Mouse
IrDA	115 k bps, IrDA 1.0 compliant
USB	2 x USB 1.0 ports
DI/O	4-bit TTL DI and 4-bit TTL DO

#### Display

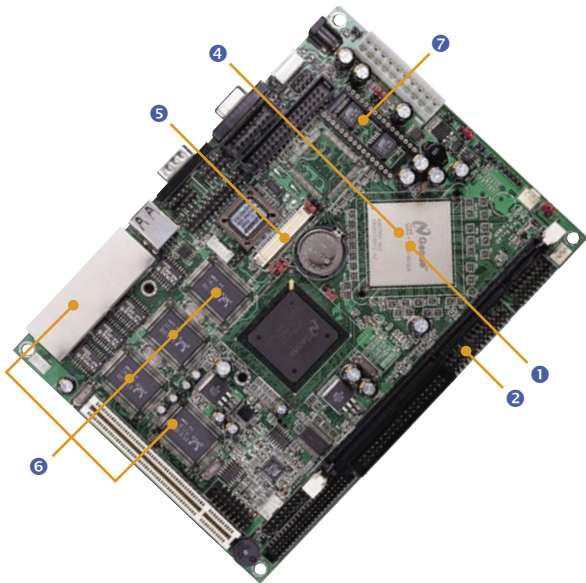
Chipset	AMD Geode™ GX1 with integrated 2D graphics engine
Display Memory	1/2/4 MB frame buffer using system memory
Resolution	CRT mode: 1280 x 1024 @ 8 bpp (60 Hz) LCD/Simultaneous mode: 1024 x 768 @ 16 bpp (60 Hz)
VGA/LCD Interface	PCI bus VGA/LCD interface Supports 9/12/18-bit TFT panels

#### Ethernet

Chipset	Four Realtek RTL8100B or optional Intel® 82559/82559ER
Ethernet Interface	IEEE 802.3u 100Base-Tx Fast Ethernet compatible
Remote Boot ROM	Optional Built-in boot ROM in Flash BIOS

#### Mechanical & Environmental

Power Requirement	+5 V @ 1.3 A (with AMD Geode™ GX1 300 MHz & 128 MB SDRAM)
Power Type	ATX
Operating Temperature	0 ~ 60° C (32 ~ 140° F)
Operating Humidity	0% ~ 90% relative humidity, noncondensing
Size (L x W)	8" x 5.75" (203 mm x 146 mm)
Weight	0.88 lbs (0.4 Kg)



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Network Appliance

### Features

- 1 Onboard AMD Geode™ GX1 300 MHz Processor
- 2 Optional 64 MB SDRAM Onboard
- 3 2 COM / 2 USB / 1 Parallel / 1 IrDA Port
- 4 AMD Geode™ GX1 Integrated 2D Graphics Accelerator
- 5 Supports CRT, 18-bit TFT Panels
- 6 Four Realtek 8100B or Optional Intel® 82559/82559ER 10/100Base-Tx Fast Ethernet Controllers
- 7 M-Systems DiskOnChip Socket Onboard
- 8 Supports Type I/II CompactFlash Disk
- 9 Fanless Operation

### Ordering Information

- **ECP-5414**  
AMD Geode™ GX1 300 MHz Communication Platform with LCD, & Four 10/100Base-Tx Ethernet
- **ACC-CFC-xx**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 8, 16, 32, 48, 64, 96, 128, 192, 256, 512 MB)
- **ACC-DOC2000-xx**  
DiskOnChip 2000 (xx = Capacity, Capacity Option: 16, 24, 32, 48, 64, 80, 112, 144, 288, 576 up to 1 GB)
- **ACC-DOC2000M-8**  
DiskOnChip Millennium 2000 8 MB