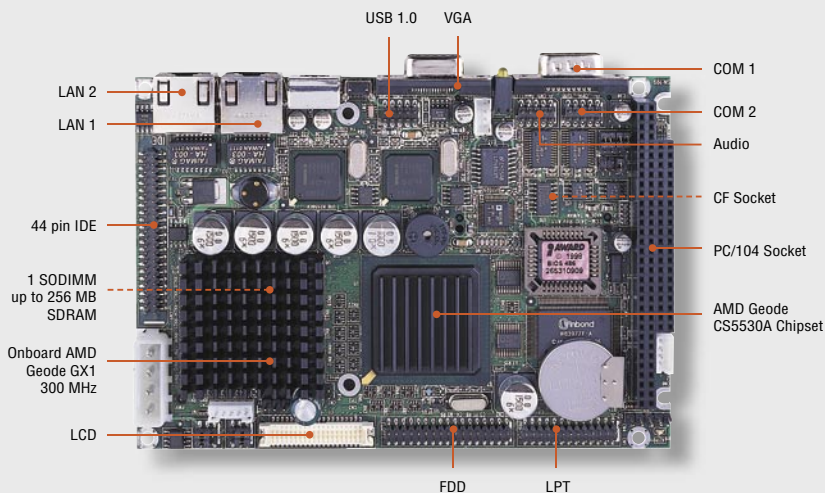




ECM-3410

3.5" AMD Geode GX1 Micro Module



Features

- Onboard AMD Geode GX1 300 MHz CPU
- AMD Geode CS5530A Chipset
- 18-bit TFT
- AC97 Audio
- Dual Intel® 82559ER or Optional Intel® 82559 10/100Mbps LAN
- 1 PC/104, Type I/II CF
- 2 COM, 2 USB 1.0
- Fanless Operation

Fanless Audio 2 LAN PC/104

Specifications

System

• CPU	Onboard AMD Geode GX1 300 MHz Note: Available in different CPU speeds by request
• BIOS	Award 256 KB Flash BIOS
• System Chipset	AMD Geode GX1/CS5530A
• I/O Chip	Winbond W83977F-A
• System Memory	One 144-pin SODIMM socket supports up to 256 MB SDRAM
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset/IRQx; 16 sec.-127 min. and 30 sec./step
• Expansion	One PC/104 connector

I/O

• MIO	2 x EIDE (Ultra DMA 33), 2 x FDD, 1 x LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• USB	2 x USB 1.0 ports

Display

• Chipset	AMD Geode GX1 with integrated 2D graphic 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

Audio

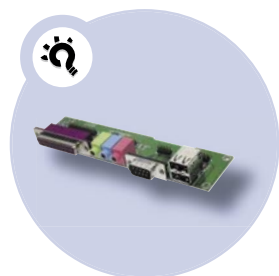
• Chipset	AMD Geode CS5530A
• AC97 Codec	AD1819B
• Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

• Chipset	Dual Intel® 82559ER or optional Intel® 82559
• 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	AT
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, noncondensing
• Size (L x W)	5.7" x 4" (146 mm x 101mm)
• Weight	0.44 lbs (0.2 Kg)



- **AUX-003**
Daughter Board for 3.5" Micro Module Series with LPT, Line-out, Line-in, Mic-in, COM, & Dual USB Connectors

Ordering Information

- **ECM-3410**
3.5" AMD Geode GX1 300 MHz Micro Module with VGA, LCD, Audio, Dual Intel® LAN, CF, PC/104, 2 COM, & 2 USB 1.1
- **ECM-3410L**
Same as above, but with Single LAN
- **ACC-CFC-xx**
CompactFlash Card (xx = Capacity, Capacity Option: 8, 16, 32, 64, 128, 256, 512 MB)