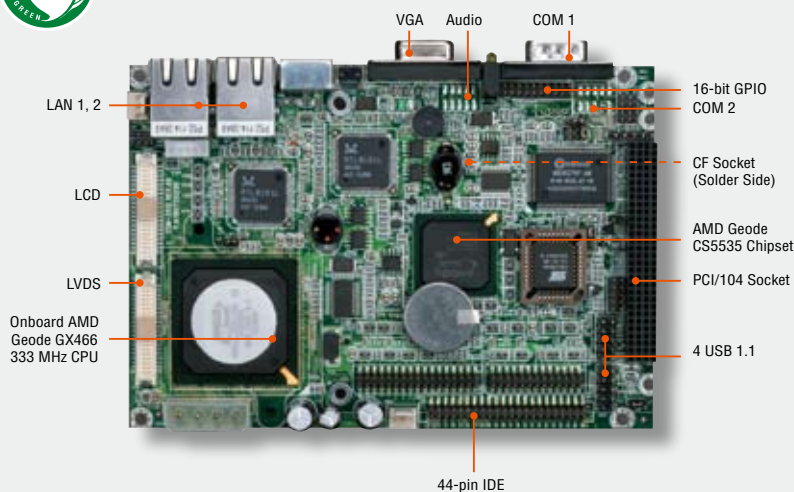


ECM-3512 3.5" AMD Geode GX466 Micor Module



Features

- Onboard AMD Geode GX466 333 MHz CPU
- AMD Geode CS5535 Chipset
- TFT, LVDS
- AC97 Audio
- Dual Realtek RTL8101L or Optional Intel® 82551QM/82551ER 10/100Mbps LAN
- 1 PCI/104, Type I/II CF
- 2 COM, 4 USB 1.1, 16-bit GPIO
- Fanless Operation

GX466
@0.9W

LVDS

2 LAN

PCI/104

4 USB

16 GPIO

Specifications

System

• CPU	Onboard AMD Geode GX466@0.9W 333 MHz Note: Available in different CPU speeds by request
• BIOS	Award 512 KB Flash BIOS
• System Chipset	AMD Geode GX466/CS5535
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 200-pin SODIMM socket supports up to 512 MB DDR 200/266 SDRAM
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 1 sec.~255 min. and 1 min. or 1 sec./step
• Expansion	One PCI/104 connector

I/O

• MIO	1 x EIDE (UltraDMA 66) , 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	4 x USB 1.1 ports
• DIO	16-bit General Purpose I/O for DI and DO

Display

• Chipset	AMD Geode GX466 with integrated 2D graphics engine
• Display Memory	8/16 MB frame buffer using system memory
• Resolution	CRT mode: 1280 x 1024 @ 24 bpp (60 Hz) LCD mode: 1280 x 1024 @ 24 bpp (85 Hz)
• LVDS	Single channel 24-bit LVDS

Audio

• AC97 Codec	VIA VT1612A
• Audio Interface	Mic in, Line in CD Audio in, Line out

Ethernet

• LAN	Dual Realtek RTL8101L Optional dual Intel® 82551QM/82551ER
• Ethernet Interface	100Base-Tx Fast Ethernet compatible

Mechanical & Environmental

• Power Consumption	+5 V @ 1.75 A (with AMD Geode GX466 333 MHz & 256 MB DDR SDRAM)
• Power Type	AT/ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0% ~ 90% relative humidity, non-condensing
• Size (L x W)	5.7" x 4" (146 mm x 101 mm)
• Weight	0.44 lbs (0.2 Kg)

Ordering Information

- **ECM-3512**
3.5" AMD Geode GX466 333 MHz Micro Module with Heatsink, VGA, LVDS, Audio, 2 LAN, CF, PCI/104, 2 COM, 4 USB 1.1 & GPIO
- **EES-3512**
AMD Geode GX466 333 MHz Micro PC with Heatsink, VGA, Audio, Dual LAN, CF, 2 COM & 2 USB 1.1 (Silver Cover)
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)

01
RISC02
ETX03
3.5"04
EPIC05
5.25"06
MB07
PC/10408
Barebones09
Smart
Terminal10
InnoFlex
PPC11
ACC