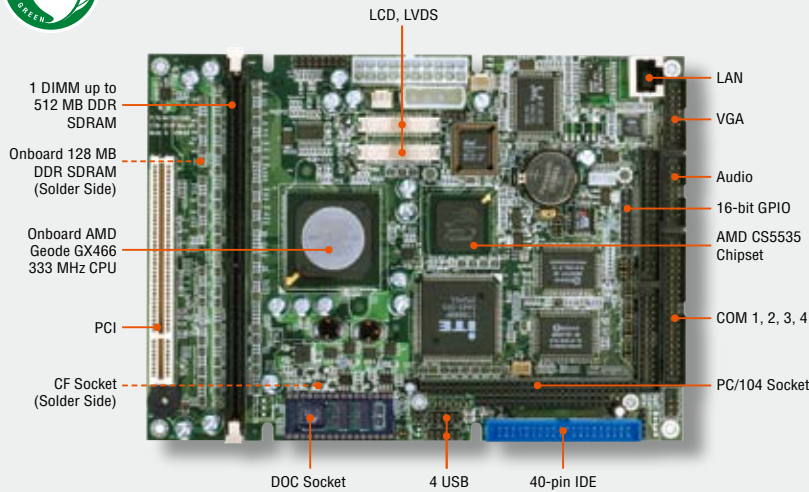




# ECM-5510 5.25" AMD Geode GX466 Mini Module



## Features

- Onboard AMD Geode GX466 333 MHz CPU
- AMD Geode CS5535 Chipset
- 128 MB DDR SDRAM Onboard, One DIMM up to 512 MB DDR SDRAM
- TFT, LVDS
- AC97 Audio
- Onboard Realtek RTL8100C
- 1 PC/104, 1 PCI, 1 DOC, Type I/II CF
- 4 COM, 4 USB, 16-bit GPIO
- Fanless Possible Operation



5.25" Mini Modules

## Specifications

### System

• CPU	Onboard AMD Geode GX466 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	64/128/256 MB DDR SDRAM onboard. One 184-pin DIMM socket supports up to 512 MB DDR 200/266 SDRAM
• SSD	One M-Systems DiskOnChip, one CompactFlash Type I/II socket
• Watchdog Timer	Reset: 1 sec.-255 min. and 1 sec. or 1 min./step
• Expansion	One PC/104 connector, one PCI slot (PCI 2.2 compliant)

### I/O

• MIO	1 x EIDE (Ultra DMA 66), 1 x FDD, 1 x LPT, 3 x RS-232, 1 x RS-232/422/482, 1 x K/B, 1 x 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 (60 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	Realtek RTL8100C
• Ethernet Interface	100Base-Tx Fast Ethernet compatible

### Mechanical & Environmental

• Power Consumption	+5 V @ 1.71 A, 5 Vsb @ 0.17 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)	8" x 5.75" (203 mm x 146 mm)
• Weight	0.88 lbs (0.4 Kg)

## Ordering Information

- **ECM-5510**  
5.25" AMD Geode GX466 333 MHz Mini Module with 128 MB DDR SDRAM Onboard, VGA, LVDS, Audio, LAN, CF, PC/104, PCI, 4 COM, 4 USB 1.1 & GPIO
- **ACC-54102-1R**  
Cable Kit for ECM-5510
- **ACC-CF-xx**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)