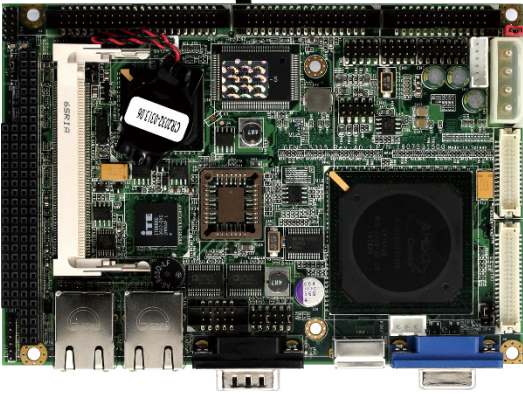


Motherboard

GENE-5315 Rev. A

3.5" SubCompact Board with AMD Geode™ LX Series Processor

AMD  CE FC

Features

- Onboard AMD Geode™ LX800 Processor
- AMD Geode™ LX + CS5536
- DDR 333 MHz SODIMM, Up to 1GB
- 10/100Base-TX Ethernet x 2, RJ-45 x 2
- Up to 24-bit Single Channel LVDS/ TTL LCD & CRT
- AC97 Codec 2CH Audio
- EIDE x 1, Floppy Disk Drive x 1, CompactFlash™ x 1
- COM x 2, Parallel x 1, USB2.0 x 4, 8-bit Digital I/O
- Mini-PCI And PC/104 Expansions
- +5V Only Operation

Specifications

SYSTEM

Form Factor	3.5" SubCompact Board
CPU	Onboard AMD Geode™ LX 800
CPU Frequency	500 MHz
Chipset	AMD Geode™ LX
Memory Type	DDR333 SODIMM x 1
Max. Memory Capacity	1 GB
BIOS	Award 1 MB
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	+5V
Power Supply Type	AT/ ATX
Power Consumption (Typical)	LX 800 500 MHz, DDR400 1 GB, 1.17A@+5V
Dimension (L x W)	5.75" x 4" (146 mm x 101.6 mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C), -4°F ~ 158°F (-20°C ~ 70°C) for WITAS 1
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	90,000
Certification	CE/FCC

DISPLAY

VGA/LCD Controller	AMD Geode™
Video Output	CRT, TTL LCD, LVDS LCD
Backlight inverter supply	Up to 24-bit single channel TTL/LVDS

I/O

Ethernet	10/100Base-TX x 2, Realtek RTL 8139DL
Audio	High Definition Audio Interface
USB Port	USB2.0 x 4
Serial Port	RS-232 x 1, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP x 1
HDD Interface	UDMA33 x 1
FDD Interface	FDD x 1
SSD	CompactFlash™
Expansion Slot	Mini-PCI, PC/104
DIO	8-bit

Order information

- **GENE-5315-A13**
3.5" Board. LX800 500MHz. 24-bit LCD. DDR. LAN. Audio. 2COM. USB. CF. PC/104. M-PCI. AT/ATX. Rev. A1.3
- **GENE-5315-A13-01**
3.5" Board. LX800 500MHz. 18-bit LCD. DDR. LAN. Audio. 2COM. USB. CF. PC/104. M-PCI. AT/ATX. Rev. A1.3

Optional Accessories

- **1702200205**
Conversion Cable for ATX Power Supply, Length 20cm
- **1709100208**
USB Cable, Length 20cm
- **1701100206**
COM Port Cable, 9P DB Male, Length 20cm
- **1701260201**
Parallel Port Cable, Length 20 cm