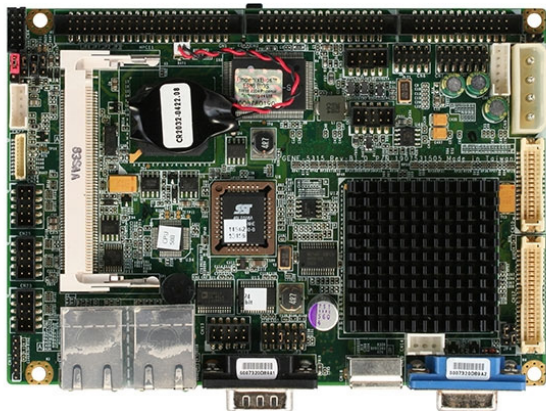


Embedded Single Board for OEM/ODM

ONYX GENE-5315 Rev. B

3.5" SubCompact Board with AMD Geode™ LX Series Processor



Features

- Onboard AMD Geode™ LX800 Processor
- AMD Geode™ LX + CS5536
- DDR 333 MHz SODIMM, Up to 1 GB or DDR 400 MHz SODIMM, Up to 512 MB
- 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 800 500 Mhz
Chipset	AMD Geode™ LX
Memory Type	DDR333 SODIMM x 1 (DDR400 optional)
Memory Capacity	1 GB
BIOS	Award 1MB
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
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Operating Temperature	0% ~ 90% relative humidity, non-condensing
MFTB (Hours)	90,000
Certification	CE / FCC

Display

VGA / LCD Controller	AMD Geode™
Video Output	CRT, TTL, LCD, LVDS
Backlight Inverter Supply	Upto 24-bit single channel TTL / LVDS

I/O

Ethernet	10/100Base-TX x 2, Realtek RTL 8139DL
Audio	High Definition Audio Interface
USB Port	USB 2.0x4
Serial Port	RS-232 x 1, RS-232/422/485 x 1
Parallel Port	SPP/EPP/ECP x 1
HDD Interface	UDMA 33x1
FDD Interface	FDD x1
SSD	Compact Flash
Expansion Slot	Mini-PC, PC/104
DIO	8-Bit