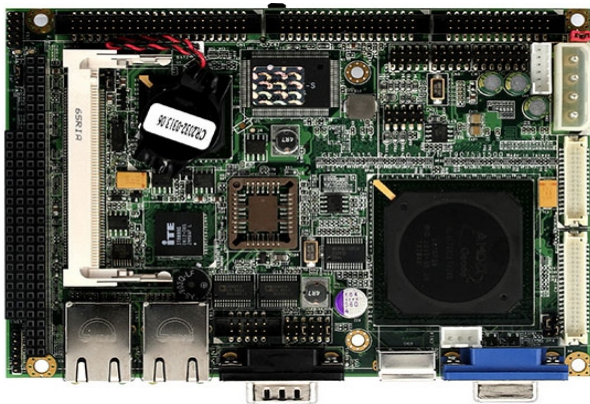


Embedded Single Board for OEM/ODM

ONYX GENE-5315 Rev. A

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 |