

Industrial Single Board Computer

3.5 inches embedded miniboard

LE-366

Embedded AMD Geode LX800, VGA,
LVDS, Audio, 2 X LAN, CF card,
Mini PCI and GPIO



Form Factor	3.5 inches embedded miniboard
CPU	Up to AMD Geode LX 800 500 MHz Processor
Memory	One So-DIMM slot support DDR 266/333/400 MHz SDRAM up to 1GB
Chipset	AMD Geode CS5536
Real Time Clock	AMD Geode CS5536 built-in RTC with lithium battery.
Watchdog Timer	PIT (Programmable Interval Timer) with 3 channels
Power Management	ACPI version 1.0 and APM version 1.2 compliant.
IDE Interface	UltraATA33 IDE interface supports dual channels and up to 2 ATAPI devices Onboard 44-pin IDE connector.
VGA Interface	Built in Geode LX Processor High performance 2D graphics controller
Video Memory	BIOS selectable 4 / 8 / 12 / 16MB shard with system memory.
LVDS interface	Onboard 18-bit single channel LVDS connector with +3.3V / +5V supply
Audio Interface	AMD Geode CS5536 – Realtek ALC203 Codec with Line-out and Mic-in
LAN Interface	1 Realtek RTL8110S 10 / 100 / 1000 Mbit LAN
Solid State Disk	IDE supports 44-Pin DiskOnModule, One Compact Flash Type II
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	One Mini PCI socket to support Mini PCI Type IIIA
Internal I/O Port	1 x RS232 / 422 / 485 port, 1 x slim type FDD port, 1 x 8bit GPIO port, 2 x USB ports, 1 x 18-bit LVDS, 1 x 4-pin 5V / 12V output connector and 1 x 2-pin 12V input connector
External I/O Port	1 x RS232 port, 1 x RJ45 LAN ports, 1 x CRT port, 1 x PS/2 Keyboard / Mouse Port, 2 x USB ports and Line out / MIC-in
Power Requirement	12V DC Jack power Port or onboard 2-Pin 12V DC connector
Dimension	146mm x 101mm (L X W)
Temperature	Operating within 0~60 centigrade, Storage within -20~85 centigrade

Ordering Code

LE-366 Embedded AMD Geode LX800 Onboard LVDS, Audio, LAN
CF, VGA, Mini PCI, GPIO, IDE, USB and FDD

For further product information please visit the website at <http://www.commell.com.tw>

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