

Industrial Single Board Computer

3.5 inches embedded miniboard

LE-366

Embedded AMD Geode LX800, VGA,
LVDS, Audio, 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 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
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For further product information please visit the website at <http://www.commell.com.tw>

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