

# 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



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