

Embedded Single Board Computer

Low Profile, Low Power, Embedded Solution

LE-340

**3.5" Drive-size Embedded GX1-300 MHz Miniboard
with Onboard NS Geode GX1 300 MHz Embedded CPU
Flat Panel/CRT SVGA, Dual 10/100 Mbps LAN
AC97 3D Audio, PC/104, CompactFlash Interfaces**



Form Factor	3.5" Drive-size Embedded Miniboard Computer
CPU	Onboard NS Geode GX1 300 MHz embedded low power CPU, x86 compliant Optional GX1 CPU on other speed (200/233/266 MHz) for OEM projects
Memory	One 144-pin SODIMM slot supports up to 256 MB SDRAM
Chipset	NS Geode GX1 CS5530A chipset
Watchdog Timer	256-level generates NMI or system reset watchdog timer
Real Time Clock	NS Geode GX1 CS5530A chipset built-in RTC with onboard lithium battery
Expansive Interface	PC/104 interface supports additional ISA-based PC/104 interface modules
PCI Enhanced IDE	One UltraATA/33 bus master IDE channels up to two ATAPI devices
VGA Interface	CS5530A built-in flat panel / CRT SVGA controller with 4 MB of video memory shared with system memory up to 18-bit TFT display, 1280 x 1024 @ 64K, 1024 x 768 @ 16M colors Optional LVDS flat panel interface module
LAN Interface	Dual RTL8139C 10/100 Mbps LAN interfaces 10BASE/100BASE-Tx Fast Ethernet, auto-switching, IEEE802.3U compliant Dual external RJ45 connectors Optional dual Intel 82559(ER) LAN controller for OEM projects
Audio Interface	AC97 3D audio interface with line-in, line-out, CD-in, Mic-in
Multi-I/O Port	1 x RS-232 and 1 x RS-232/422/485 serial port 2 x USB ports with USB version 1.1 compliant 1 x SPP/EPP/ECP parallel port 1 x IrDA port 1 x FDD port 1 x PS/2 keyboard / mouse port
Solid State Disk	CompactFlash (CF) type-II socket Default setted as bootable, secondary slave ATAPI device Supports compact flash card (CFC) or IBM MicroDrive embedded flash disk Memory capacity up to 1 GB
External Connector	COM1 (DB9 male), VGA (DB15 female), PS/2 keyboard and mouse, dual LAN
Environment	Power Requirement: +5V only operating supported Board Dimension (L x W): 146 x 101 mm (3.5" HDD size) Operation Temperature: 0 ~ 60°C (32 ~ 140°F)
Ordering Option	LE-340VL2 with 300 MHz CPU, VGA, Audio, Dual RTL8139C LAN

Online product information detail and updates are available at: <http://www.commell.com.tw>