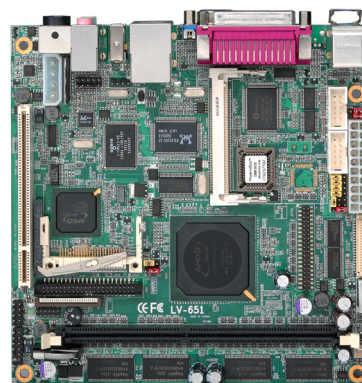


Industrial Single Board Computer

Mini-ITX motherboard

LV-651

AMD Geode LX800 with VGA,
LCD , GigaLAN, IEEE1394,
USB2.0, GPIO,Mini PCI,
AC97 Audio, CF card



Form Factor	Mini-ITX form factor
CPU	Embedded AMD Geode LX800 Processor
Memory	One 184-pin DIMM socket supports up to 1GB DDR SDRAM Optional on board 256M DDR SDRAM
Chipset	AMD LX800 & CS5536
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1 ~ 255 sec (min)
Power Management	ACPI 1.0 and APM 1.2 compliant supports power saving mode
VGA Interface	AMD Geode LX800 built-in high performance 2D Graphic Supports CRT, 24-bit TFT LCD & 18/24-bit single channel LVDS LCD
Video Memory	Up to 256MB shared with system memory
PCI Enhanced IDE	One 44-pin IDE interface supports up to 2 ATAPI devices
Solid State Disk	IDE supports 44-Pin Disk On Module with +5V power supply One Compact Flash Type II
Audio Interface	Realtek ALC203 AC97 Audio
LAN Interface	1 x Realtek RTL8110S-32 Gigabit Ethernet controller
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCI slot, 1 x Mini-PCI socket
Internal I/O Port	1 x RS232, 1 x RS232/422/485, 1 x GPIO, 1 x AUDIO, 1 x TFT, 1 x LVDS, 1 x Inverter, 1 x FDD, 1 x IrDA, 2 x USB2.0
External I/O Port	1 x PS2, 1 x Audio, 1 x CRT, 1 x RJ45, 2 x USB2.0, 1 x LPT, 1 x IEEE1394, 1 x DC_IN
Power Requirement	Standard 20-pin ATX power supply or 8~24 full range DC input
Dimension	170mm x 170mm
Temperature	Operating within 0~60°C Storage within -20~85°C

Ordering Code

LV651X-P	AMD LX800 processor Mini-ITX with onboard VGA, GigaLAN, LPT, RS232 USB2.0, Audio, IEEE1394, LCD and DDR DIMM
LV651X-256	Same as above but with 256M DDR SDRAM on board

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