

Low Power Solution



FB2612 AMD LX-800 PC/104 CPU board

With VGA/LCD, 2S, LAN, 2USB and CF Socket



Features

- Fanless and low power consumption design
- AMD Geode LX-800 Low Power CPU
- AMD Geode CS5536 Chipset.
- Support 16-bit ISA Bus, without DMA transfer Function
- 1 SoDIMM Socket up to 1G DDR333/400 RAM
- 10/100 Ethernet LAN
- 2 RS-232, 1PCI IDE Interface
- 2 USB(V2.0) ports
- 1 Compact Flash Socket

Specifications

- CPU:** AMD Geode LX-800 (500MHz) Low Power CPU
System Chipset: AMD Geode CS5536 Chipset
Bus Interface: Stack-Through PC/104
RAM Memory: One 200-pin So-DIMM socket supports up to 1G DDR 333/400 RAM
Cache Size: Internal 64KB or above L2 cache inside the CPUs
VGA Display: Embedded in AMD LX800 chipset with shared memory architecture Supports CRT LCD interface
- Ethernet:** Realtek 8100X Chipset, Support 10/100 Base-T Ethernet
Super I/O: 1 PCI IDE-One 44-pin 2.0mm IDC connector
 2 Serial Ports (2 RS-232)
- Keyboard/Mouse:** PS/2 compatible with 6-pin 2.0mm JST 2.0
USB: Built-in 2 USB(V2.0) ports
Audio: Provides one 12-pin 2.0mm IDC connector for AC97 signals
BIOS: Phoenix Award flash BIOS
Watchdog: Software programmable
RTC & CMOS RAM: Embedded on-board Lithium battery
Speaker: Supports 2-pin 2.54mm header for external speaker
Headers: 2-pin Reset
Power Connector: 4-pin 2.5mm JST connector
LED Indicator: On-Board Power LED
Power Req.: +5V only – 6.5VA maximum. (Based on 500 MHz CPU)
Dimensions: 90.2 mm x 95.9 mm

Ordering Information

Model	Description	Drivers
FB2612	PC/104 AMD LX-800 CPU board with VGA/LCD, 2S, LAN, 2USB and CF Socket	* VGA 2K/XP * LAN Novell 3.X / 4.X, Win 95/98/NT OS2, Linux, NDIS, MSLAN * Audio Win2K/XP



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