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MI800LX

AMD® Geode LX800 500 MHz Mini ITX Motherboard

SATA

GPIO

Fan
Fanless

Dual View

Dual
Gbit LAN

- Onboard AMD Geode LX800 500 MHz @ 0.9 W with 128K L2 Cache & 64K L1 Cache CPU
- AMD Geode CS5536 Companion Chip
- One DIMM socket supports up to 1 GB DDR 400 SDRAM
- 18/24-bit TFT, 24bit LVDS, Optional Built-in Touch Screen I/F
- One 24/18 bit Dual Channel LVDS
- Dual Realtek™
- 1 PCI, 1 Mini PCI, Type I/II CF
- 4 COM, 4 USB 2.0
- Realtek ALC203-LF 2 CH Audio



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System	
CPU	▶ Onboard AMD Geode LX800 @ 0.9 W with 128K L2 Cache or 64K L1 Cache
FSB	▶ -
BIOS	▶ Award 4Mb Mb KB FLASH BIOS
System Chipset	▶ AMD Geode LX800/CS5536
I/O Chip	▶ Winbond W83627HG-AW
System Memory	▶ One 184-pin DIMM socket supports up to 1 GB DDR 400 SDRAM
SSD	▶ One CompactFlash Type I/II socket
Watchdog Timer	▶ Reset: 1 sec. to 255 min. and 1 sec. or 1 min./step
H/W Status Monitor	▶ Monitoring temperatures, voltages, and cooling fan status. Auto throttling control when CPU overheats
Expansion	▶ One PCI slot (PCI Rev. 2.2 compliant), One Mini PCI
S3/S4	▶ S3 only
TPM	▶ -
Wake up on LAN or Ring	▶ -
I/O	
MIO	▶ 1 x EIDE(DMA33), 3xRS-232, 1xRS-232/ RS-422/RS-485, 1x FDD, 1 xLPT, 1xK/B, 1xMouse, COM 1 with power
USB	▶ 4 USB 2.0
DIO	▶ 16-bit General Purpose I/O for DI and DO
IrDA	▶ 15k bps, IrDA 1.0 compliant
Displayy	
Chipset	▶ AMD Geode LX800 with integrated graphics engine
Display Memory	▶ AMD LX800 integrated graphics controller supports up to 32 MB video memory
Max Resolution	▶ CRT: Supports up to (1920 x 1440 @32bpp (85Hz) TFT: Supports up to (1600 x 1200) @32bpp (100hz)
Dual Display	▶ -
VGA	▶ -
LVDS	▶ Single channel 24bit LVDS
LVDS Backlight Power	▶ -
Connector	▶ -
Audio	
Audio Codec	▶ Realtek ALC203 Supports 2 CH AC97 Audio
Audio Interface	▶ Mic-in, Line-in, Line-out
Audio Amplifier (W)	▶ -
Ethernet	
LAN 1	▶ Realtek RTL8100C PCI 100/10Mb LAN
LAN 2	▶ Realtek RTL8111C Gigabit LAN
Back Panel I/O Port	
Back Panel I/O Port	▶ 1 PS/2 Keyboard 1 PS/2 Mouse 1 VGA port 1 COM ports 2 RJ45 ports 4 USB 2.0/1.1 Audio I/O (3 jacks) 1 parallel port
Internal I/O Connector	
Internal I/O Connector	▶ 1 x USB connectors(Optional) 1 x 20-pin ATX Power connector 1 x Floppy disk drive connector 1 x IDE connector for two devices 3 x COM connector 1 x CPU Fan connector 1 x System Fan connector 1 x CD audio in connector 1 x LVDS connector 1xInverter power connector

- 1 x IrDA connector
- 1 x TFT connector
- 1 x Digital IO connector
- 1 x Front panel

Mechanical & Environmental

- Power Type ▶ ATX
- Operating Temperature ▶ 0 to 60°C (32 to 140°F)
- Operating Humidity ▶ 0% to 90% relative humidity, non-condensing
- Size (L x W) ▶ 6.69" x 6.69" (170 mm x 170 mm)
- Weight ▶ 0.88 lbs (0.4 Kg)

Ordering Information

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<< back

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