



Ampro ETX[®] 610

Geode[™] LX Computer-on-Module

Custom, Low Cost, Low Power



ETX 610

Choose Ampro ETX[®] 610 for...

Cost sensitive applications that require a custom footprint and connectorization, but with short time-to-market compared to a full custom solution.

Description

Ampro ETX[®] 610 is a small, moderate performance, low-power processor module with networking and graphics in a modular format that plugs into your custom baseboard.



- Up to 1GB DDR Memory
- PCI, ISA*
- LVDS and TTL models
- Compact Flash Socket
- Industry's Best Legacy IRQ Assignment

For more information, pricing, and details on volume discounts, please call us at 1. 800. 966. 5200 or +1. 408. 360. 0200.

We'll immediately connect you to your local distributor.

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our semi-custom and custom solutions.

Ordering Information

MODEL	DESCRIPTION
ET1-610-R-11	500MHz CPU, PCI, ISA, FX8 Connectors, TTL LCD
ET1-610-R-12	500MHz CPU, PCI, ISA, FX8 Connectors, LVDS LCD
ET1-610-L-11	500MHz QuickStart Kit (R-11 Module, 512MB RAM, TTL, Software, Documentation, ETX [®] baseboard)
ET1-610-L-12	500MHz QuickStart Kit (R-12 Module, 512MB RAM, LVDS, Software, Documentation, ETX [®] baseboard)

Specifications

PROCESSOR

- 500MHz Geode[™] LX 800
- Cache – 128kB Level 2
- Chipset – AMD CS5536
- FSB – Integrated Northbridge
- System Controllers – PC-compatible DMA and interrupt controllers and timers
- Watchdog Timer

MEMORY

- DRAM – Up to 1GB DDR 333 SODIMM

BUS INTERFACE

- PCI and 8 BIT ISA*

I/O

- IDE – Single PCI-bus Enhanced Ultra DMA 66/100 Synchronous IDE interface supports up to two hard drives
- Serial – 2 ports, TTL, transceivers on baseboard
- Parallel – EPP/ECP bidirectional port
- Floppy – Supports 1 drive, shared with parallel
- USB – 4 USB 2.0 ports
- Keyboard/Mouse – PS/2 interface
- Audio – AC97 speaker, mic, headphone

NETWORK INTERFACE

- Ethernet – Davicom DM9102D (10/100BaseT)

VIDEO INTERFACE

- Controller – Integrated 2D/3D graphics
 - Supports resolutions to 1600x1200
 - LVDS flat panel support, TTL interface optional

SOFTWARE

- OS Support – Ampro Embedded Linux[®] FC6, Windows[®] CE 6.0, 5.0, XP, XPe (See Web site for details)
- BIOS – Insyde with APM

MECHANICAL

- Size – 95x114mm (3.7x4.5"); ETX[®] form factor
- Power Requirements – (with 128MB RAM, 100% Loaded) – 1.4A@5V
- Environmental
 - Operating Temperature (100 CFM system air flow)
 - Standard: 0° to +60°C
 - Storage: –20° to +75°C
- Board Thickness – .062" (1.6mm)

* ISA support is implemented with an on-board LPC-to-ISA bridge.



5215 Hellyer Ave., San Jose, CA 95138 Tel. 408.360.0200 Fax 408.360.0222 sales@ampro.com

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