



## Ampro XTX 800 Pentium® M Computer-on-Module Custom, Low Cost, Power Management



### Choose Ampro XTX 800 for...

Modular, ultra high performance applications that require notebook-style power management.

### Description

Ampro XTX 800 is a small, ultra high-performance, low-power Centrino® processor module with advanced networking and high-performance graphics in a modular format that plugs into your existing ETX® baseboard.



- Up to 1GB DDR Memory
- New XTX standard
- PCI, LPC
- ACPI 2.0
- SATA

### 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.

Don't see the product you need?

Contact us at 1. 800. 966. 5200 or +1. 408. 360. 0200 for information about our semi-custom and custom solutions.

Get Started Today. [Order a QuickStart Kit Now.](#)

### Ordering Information

MODEL	DESCRIPTION
XT3-800-L-08	800MHz QuickStart Kit (R-08 Module, 512MB RAM, Software, Documentation, XTX Baseboard)
XT3-800-L-12	1.0GHz QuickStart Kit (R-12 Module, 512MB RAM, Software, Documentation, XTX Baseboard)
XT3-800-L-22	1.4GHz QuickStart Kit (R-22 Module, 512MB RAM, Software, Documentation, XTX Baseboard)
XT3-800-R-08	800MHz ULV Celeron® M CPU, 0KB L2 Cache, PCI, ACPI, FX8 (Short) Connectors
XT3-800-R-12	1.0GHz ULV Celeron® M CPU, 512KB L2 Cache, PCI, ACPI, FX8 (Short) Connectors
XT3-800-R-22	1.4GHz LV Pentium® M CPU, 2MB L2 Cache, PCI, ACPI, FX8 (Short) Connectors

### Specifications

#### PROCESSORS

- Choice of
  - 1.4GHz Low Voltage Pentium® M 738 (Dothan)
  - 1.0GHz Ultra Low Voltage Celeron® M 373 (Dothan)
  - 800MHz Ultra Low Voltage Celeron® M
- Cache – 2MB, 512kB, or 0kB Level 2
- Chipset – Intel 852GM/ICH4M
- FSB – 400MHz
- System Controllers – PC-compatible DMA and interrupt controllers and timers
- Watchdog Timer

#### MEMORY

- DRAM – Up to 1GB PC2700 DDR200/266 SODIMM

#### BUS INTERFACE

- PCI and LPC

#### I/O

- EIDE – Single PCI-bus Enhanced Ultra DMA 33/66/100 Synchronous IDE Interface supports up to two hard drives
- SATA – 2 ports
- Serial – 2 ports, TTL, transceivers on baseboard
- Parallel – EPP/ECP bidirectional port
- Floppy – Supports 1 or 2 drives, shared with parallel
- USB – 6 USB 2.0 ports
- Keyboard/Mouse – PS/2 interface
- Audio – AC97 speaker, mic, headphone

#### NETWORK INTERFACE

- Ethernet – Intel 82562 (10/100 BaseT)

#### VIDEO INTERFACE

- Controller – Integrated Intel Extreme Graphics 2
  - 3D engine
  - Max 64MB UMA DVMT
  - CRT
  - LVDS up to 1600x1200

#### SOFTWARE & DEVELOPMENT TOOLS

- OS Support – Linux® 2.6.9, Windows® CE 5.0, XP, XPe (See Web site for details)
- BIOS – AMI with ACPI 2.0

#### MECHANICAL

- Size – 95x114mm (3.7x4.5"); XTX form factor
- Power Requirements (with 128MB RAM, 100% Loaded)
  - 1.4GHz 3.9A @ 5V
  - 1.0GHz 3.2A @ 5V
  - 800MHz 3.7A @ 5V
- Environmental
  - Temperature (with adequate thermal solution and air flow)
    - Standard: 0° to +60°C
    - Storage: –20° to +75°C
- Board Thickness – .062" (1.6mm)

