HOUSTRIAL

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

- ACPI 2.0SATA

PCI, LPC

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
- Environmentel
- Environmental
 - Temperature (with adequate thermal solution and air flow)
 - Standard: 0° to +60°C
 - Storage: -20° to +75°C
- Board Thickness .062" (1.6mm)

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.



5215 Hellyer Ave., Ste. 110, San Jose, CA 95138 Tel. 408.360.0200 Fax 408.360.0222 sales@ampro.com

NOTICE: The product specifications provided in this datasheet are subject to change without notice. Every effort has been made to ensure the accuracy of this document. Ampro Computers, Inc., makes no warranties, expressed or implied, regarding errors or admissions and assumes no legal liability or responsibility for loss or damage resulting from the use of this document's information. AMPRO is a registered trademark and CoreModule, LittleBoard, MightyBoard, MightySystem, MiniModule, ReadyBoard, ReadyPanel and ReadySystem are trademarks of Ampro Computers, Inc. All other trademarks and registered trademarks are the property of their respective owners. FEB.08