



## Ampro XTX 840 Core™ 2 Duo Computer-on-Module Blazing Performance, Power Management



XTX 840

### Choose Ampro XTX 840 for...

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

### Description

Ampro XTX 840 is a small, ultra high-performance, dual core processor module with advanced networking and high-performance graphics in a modular format that plugs into your existing ETX® baseboard with minimal design changes.



- Up to 2GB DDR2 Memory
- New XTX standard
- PCI Express, SATA II
- ACPI 2.0 with S3 support
- Latest chipset, without a complete baseboard re-design

**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.**

### Specifications

#### PROCESSOR

- 1.6GHz Core™ 2 Duo L7500
- Cache – 4MB, 1MB Level 2
- Chipset – Intel® GME965/ICH8
- FSB – 800MHz
- System Controllers – PC-compatible DMA and interrupt controllers and timers
- Watchdog Timer

#### MEMORY

- DRAM – Up to 2GB DDR2 667 SODIMM

#### BUS INTERFACE

- PCI Express™ 4 x1, PCI and LPC

#### I/O

- EIDE – Single PCI-bus Enhanced Ultra DMA 66/100 Synchronous IDE Interface supports up to two hard drives
- SATA II – 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/HD speaker, mic, headphone

#### NETWORK INTERFACE

- Ethernet – Intel® 82562 (10/100BaseT)

#### GRAPHICS INTERFACE

- Intel® GMA X3100, 384MB (DVM 4.0)
- 3D and 2D engine, HW rotation
- Intel® Clear Video Technology: MPEG-2 HW acceleration and decoding
- WMV9 HW acceleration, sharpness enhancement, film mode detection
- Dual panel display with independent pipes, HD TV support, SDVO port
- CRT resolution up to 2048 x 1536 @ 60Hz
- Multiple display support

#### SOFTWARE & DEVELOPMENT TOOLS

- OS Support – Linux® FC6, Windows® CE 6.0, XP, XPe (See Web site for details)
- BIOS – AMI with ACPI 2.0 including S3

#### MECHANICAL

- Size – 95x114mm (3.7x4.5"); XTX form factor
- Power Requirements (with 1GB RAM, 100% Loaded)
  - TBD
- Environmental
  - Temperature (with adequate thermal solution and air flow)
    - Standard: 0° to +60°C
    - Storage: -20° to +75°C
- Board Thickness – .062" (1.6mm)



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, Little Board, 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

www.ampro.com