

Ampro™ MilSystem 800 Rugged Computer System



Features

- Low-Power, Conductive Cooled Intel® Pentium® M or Celeron® processor
- Internal PC/104 card standard support for (2) two PC/104(+) expansion cards
- Gigabit Ethernet, 10/100 Ethernet, USB, Serial, Video, Audio, IDE, SATA
- Passed MIL-STD-810 (shock/vibration, temperature, humidity) testing with Ampro™ LittleBoard™ 800 installed
- Wide voltage 14V to 32V DC regulator
- Ampro™ Embedded Linux® or Windows® XP embedded
- Optional: Windows® CE, QNX® or VxWorks®



Featuring: LittleBoard™ 800 1.4GHz

Designed to support Ampro™ LittleBoard™ 800

Size (w,h,d): 8x10x3"

IP5x Rated Chassis

Specifications

Board Compatibility

LittleBoard™ 800 EBX SBC

Choice of low power, conductive cooled Intel® Pentium® M or Celeron® M processors

-1.4GHz LV Pentium® M 738 (Dothan)

-1.0GHz ULV Celeron® M 373 (Dothan)

Chipset – Intel® 855GME/ICH4M

Modular/Expandable

Internal PC/104 Card standard support for (2) two PC/104(+) expansion cards

I/O

EIDE –Dual PCI-bus Enhanced Ultra DMA 33/66/100 Synchronous IDE Interface supports up to two hard drives each (four total)

Compact Flash on secondary IDE (internal)

MIL-STD-D38999 connectors

VGA

Serial – 4 ports, all are RS232/422/485

USB – 4 USB 2.0 ports (four root hubs)

Keyboard/Mouse – PS/2 interface

Audio – AC97 speaker, mic, headphone

Network Interface

Dual Ethernet – Gigabit Ethernet, and 10/100 Ethernet

MIL-STD-810 Compliance

Passed MIL-STD-810 (shock/vibration, temperature, humidity) testing with Ampro™ LittleBoard™ 800 installed

Operating Systems

Ampro™ Embedded Linux® or Windows® XP embedded

Optional: Windows® CE, QNX® or VxWorks® BSP

Mechanical

Size (w,h,d): 8x10x3"

Environmental

-Temperature

- Standard: -20° to +65°C
- Extended: -40° to +75°C
- Storage: -40° to +85°C

IP5x Rated Chassis

Power

Wide voltage 14V to 32V DC input

Ordering Information

Model Number	Description/Configuration
MIL-800-R-10W	MilSystem with 1.0GHz ULV Celeron® M CPU, PC/104-Plus, dual Ethernet, Video, 4 COM
MIL-800-R-14W	MilSystem with 1.4GHz LV Pentium® M CPU, PC/104-Plus, dual Ethernet, Video, 4 COM



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