

Ampro™ ReadySystem™ 2U Computer

Small, Flexible Turn-key System



Features

- Minimal overall product size
- Accepts any Ampro ReadyBoard
- Compact Flash accessible externally
- 12V or 24V DC power input
- Supports up to two PC/104 I/O expansion modules

INDUSTRIAL

Choose an Ampro ReadySystem for . . .

Space-constrained, embedded applications that require rapid deployment in a complete, turn-key solution.

Description

Ampro ReadySystem 2U embedded computers accelerate time-to-market by providing a complete system, eliminating the need to design an enclosure, select a power supply, and perform assembly. Based on Ampro's popular EPIC ReadyBoard™ SBCs, the ReadySystem 2U combines 256MB RAM, a 2.5" hard disk drive, and the Fedora Core 6 Linux® version 2.6 operating system. Power input can be either 12V or 24V DC. ReadySystem 2U allows up to two PC/104, PC/104-Plus or PCI-104 I/O modules. The systems are suitable for desktop, wall mount, or rack mount use.

Specifications

Board Compatibility

ReadyBoard SBC
Up to two PC/104 I/O expansion modules

Memory

256MB, 512MB, or 1GB SODIMM installed
80 - 160GB Hard disk drive installed
Compact Flash socket accessible through I/O panel with protective cover

Network Interface

Ethernet, RJ45 connector(s) (Board dependent)

Video Interface

CRT, DB15 connector

Switches and Indicators

Reset pushbutton switch
Power on LED
HDD activity LED

Software

Pre-loaded with Ampro Embedded Linux or Windows® XP, XPe

I/O

ReadyBoard PC-style connectors protrude through enclosure I/O panel
Customizable panel for I/O expansion module connectors
Serial – 4 ports, 2 RS232, 2 RS232/422/485, on DB9 connectors
USB – 4 ports, Type B connectors
Keyboard / Mouse – PS/2 connector (shared)
Audio – 3 jacks, line in / line out / mic in

Mechanical

Size – (w,h,d) 180x88x152mm (7.0x3.46x6.0")
Material – SECC 1mm thick
Input Voltage – 12V or 24V DC
–Optional AC to DC power adapter available
Regulatory – Designed to achieve ULC, CSA, FCC as required
Environmental
–Temperature

- Standard: 0° to +45°C
- Storage: -20° to +65°C

Cooling – System fan required for selected CPUs