RUGGED

Ampro ReadySystem™ Fanless
Small, flexible turn-key system

ReadySystem Fanless

Choose an Ampro ReadySystem Fanless for . . .

Industrial embedded applications that benefit from a dust/dirt-protected enclosure and quiet operation.

Description

The ReadySystem Fanless includes a robust set of I/O with a VGA DB15 output, USB 2.0 ports, RS232 Serial ports on DB9 connectors, Audio (In, Out, and Mic.), PS/2 keyboard and mouse (shared), and up to two Ethernet interfaces. ReadySystem Fanless allows the integration of up to 2x PC/104 cards. This fanless system features the Ampro ReadyBoard™ SBC, up to 1.4GHz Pentium® M processor and all electronics in a compact housing for limited space embedded fanless applications.
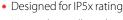
Compact Size: ReadySystem Fanless is 236x260x85mm (9.3x10.2x3.35") and can be used in space critical applications. The ReadySystem Fanless is suitable for desktop, walls or rack mount use.

Scalable Performance with Managed Power Consumption: Pentium® M class processors bring high computing performance with low power consumption and allow Fanless operation.

Range of Power Sources: Available with wide range 12 to 24 V power module offers flexible power options for various environments.

Ampro ReadySystem Configuration: Ampro ReadySystem Fanless computers can be configured with your choice of memory size, Hard Disk, and/or Compact Flash options.

High Integration: ReadySystems are supplied "Ready to Run" with long life cycle support for product continuity.

RoHS ✓

- Designed for IP5x rating
- Minimal overall product size
- Compact Flash accessible externally
- 12V or wide-range 12 to 24V DC power input
- Supports up to two PC/104 I/O expansion modules
- Custom I/O configurations available

Specifications

BOARD COMPATIBILITY
- ReadyBoard™ 820 or ReadyBoard™ 620
- Up to two PC/104 I/O expansion modules

MEMORY / MASS STORAGE
- 256MB, 512MB, or 1GB SODIMM installed
- 80 - 160GB Standard hard disk drive installed
- 40 or 80 Extended temp HDD
- Compact Flash socket accessible through I/O panel with protective cover

NETWORK INTERFACE
- Dual Ethernet, RJ45 connector(s)

VIDEO INTERFACE
- CRT, DB15 connector

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

SOFTWARE
- Ampro Embedded Linux®, Windows® CE, XP, XPe

MECHANICAL
- Size (w,h,d): 9.3x10.2x3.35"
- Input Voltage – wide-range +12V to +24V DC
  – Optional AC to DC power adapter available
- Regulatory – Designed to achieve ULC, CSA, FCC and IP5x rating
- Environmental
  – Standard: 0° to +60°C
  – Storage: −20° to +75°C

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.

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