

Fanless Industrial Network Appliance

Features



- ✓ Supports Intel® Pentium® M or Celeron M processors with 400 MHz FSB
- ✓ Designed with Intel 852GM chipset for reliability
- ✓ Dual 10/100 Ethernet LAN Ports
- ✓ Equipped with USB 2.0/VGA/DVI/TV-Out interface and PCI expansion slot
- ✓ 3 x RS-232 and 1 x RS-232/422/485 serial interfaces
- ✓ On board DC to DC Power supporting 12 to 30 VDC
- ✓ Supports ATX Power Mode and PXE/WOL



Rhino-100

Overview

The Rhino-110 is an Industrial Network Appliance (embedded computer) featuring low power fan-less module design. The product is configured with Intel Pentium M/Celeron M processor with 400 MHz FSB and DDR 200/266 memory up to 2 GB. Rhino-100 offers I/O ports with flexible connection options, and provides three RS-232 ports, one RS-232/422/485 port and one PCI expansion slot. For data storage, a compact flash socket and 2.5" HDD drive bay are supported. Rhino-100 supports ATX power supply and accepts a wide range of power input from 12 to 30 VDC. Rhino Series is especially designed for mission critical embedded computing application, and comes in protected aluminum chassis for reliability and easy maintenance.

Hardware Specifications

Interface

Main Board:

Supports Intel® Pentium® M processors in 478-pin, Micro-FCPGA package from 1.6 to 1.8 GHz with 1 MB or 2 MB L2 cache
 Supports Intel® Celeron® M processors in 478-pin, Micro-FCPGA package from 1.3 to 1.5 GHz with 512 KB or 1 MB L2 cache
 Supports Low Voltage and Ultra Low Voltage Intel® Pentium® M or Celeron® M processors in 479-ball, Micro-FCBGA package
 Supports 400 MHz FSB CPUs only
 Intel® 852GM and ICH4 chipset

Main Memory:

2 x 184-pin DDR 200/266 DIMM sockets,
 up to 2 GB un-buffered non-ECC DDR SDRAM

Device:

1 x On-board Compact Flash socket
 1 x Internal 2.5" HDD drive bay

Expansion Slot:

Supports one 32-bit/33 MHz PCI Card
 PCI Length support: Max. 160mm with HDD installed,
 Max. 240mm without HDD installed

I/O Interface-Front:

HDD Access/Power/LAN status LEDs
 2 x USB 2.0 ports
 ATX power on/off switch

I/O Interface-Rear:

1 x PS/2 Keyboard/Mouse
 4 x USB 2.0 ports
 4 x Serial ports
 1 x Audio Mic-in and 1 x Speaker-out
 1 x DVI interface
 2 x 10/100 Ethernet LAN
 1 x VGA connector
 1 x S-Video TV-Out
 1 x DC power input
 1 x 2-pin connector output for remote power on/off switch

Power Specs:

DC to DC power designed for on-board support of 12 to 30 VDC
 1 x External 120 WAC adapter
 Power input: 100 to 240 V AC 2 A 50/60 Hz
 Power output: 19 VDC

Dimensions: 195 mm (W) x 268 mm (H) x 80 mm (D)

Warranty: 3 Years

Certifications: CE, FCC

Environmental

Operating Temp: 0 to 50°C

Storage Temp: -20 to 85°C (-4 to 185°F)

Operating Humidity: 10% to 90% RH (non-condensing)



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