

Key Features

- 7" High (4U)
- Perfect for Industrial & Commercial Controllers
- Lots of Card Expansion Room
- Intel Core 2 Duo Series Processors
- Up to 4GB Memory
- 400w Single or Dual Redundant Power Supply Modules
- 10/100/1000T Ethernet Port
- Three External 5.25" SATA Hot Swappable Drives
- Two Internal 3.5" Drive Bays
- CD/DVD front accessible drive
- Thirteen, single segment PCI slots
- Windows Server & Linux Ready

Contact Us

call us at [1.877.296.4927](tel:1.877.296.4927)
or e-mail us at info@acc-sd.com

Product Overview

The RM4101 SBC Triathlon 4U Rack Application Server line offers exceptional performance value, using Intel's latest line of Core 2 Duo processor technology. With up to 4GB of memory and a 10/100/1000T Ethernet port, the RM4101 SBC Triathlon is well suited for the most processor intensive application environments where performance and expansion is essential. In addition, the RM4101 SBC Triathlon

features three externally removable, hot swap SATA drives and two internal SATA drives totaling up to 5 TB of data space that can be configured as raw space or intelligently in several RAID environments. And because Applied Control Concepts uses Intel approved architecture, there are several operating system environments to choose from, including Microsoft Server solutions, several distributions of Linux and virtualization solutions from top software manufacturers such as VMWare.

The RM4101 SBC Triathlon standard rack mountable form factor is based on industry standards allowing for ease of installation within existing equipment both onsite or at your co-location facility. And with a single reliable, long lasting or dual redundant 400w power supplies, you'll have enough to power to manage your appliance with complete confidence of maximum up time.



Solutions & Applications

The RM4101 SBC Triathlon is ideally suited for the high performing control application environment, or where performance is important in a multi I/O solution. Typical solutions might include:

- Application specific server appliances
- Database or Video servers
- Intensive I/O applications
- CCTV or Surveillance applications
- Virtual Tape Library
- Digital Content Delivery
- Telecom applications

Since we use exclusively Intel approved architecture, the RM4101 SBC Triathlon provides you with quality, long lasting value and growth to exceed your expectations for the control application environment.

Specifications

| | | | |
|----------------------------|--|----------------------------------|--|
| Processor | Dual Core Xeon 5148 2033GHz, 1333 Bus, 4M Cache Dual Core Xeon 5140 2.33GHz, 1333 Bus, 4M Cache Dual Core Xeon 5130 2GHz, 1333 Bus, 4M Cache | Front Panel Buttons | Power on/off, System reset Two USB ports |
| Chipset | Intel E6700 Series Chipset | Front Panel Indicators | Power, HDD LED |
| Memory | 4GB ECC FBDIMMS DDR2 @ 533, 667MHz (4 Dimms) | Networking | 10/1001000T Ethernet port |
| Storage External | Three 5.25" Fixed Drives One 3.5" Fixed Drive | Rear Panel I/O | One RJ-45 10/1001000T Ethernet Port, Eight USB 2.0 Ports (4 + 4), Four RS-232 Port w/ pin header, One PS/2 Port with Y Cable |
| Internal | Two 3.5" Fixed Drives | Integrated Graphics | N/A |
| Power | 400w EPS-12V PFC (single or hot swap) power supply | Expansion Slots | 1 CPU, 4 PCIe (1 x16, 3 x1) 8 32/33 (1x PLX PEX-8111) |
| Cooling | Front: x 90mm fans Optional: 2 x 60x25mm fans | Dimensions (W x D x H) | 482.6w x 505d x 177h 19w x 220d x 7h |
| Operating System | Microsoft Windows Server 2003 Red Hat Enterprise Linux 4.0 x86-64 SUSE Linux Enterprise 9 x86-64 | Weight | 20.2 kgs/ 44.6 lbs |
| | | Environmental | |
| | | Operating Temperature | 0°C (32°F) to +50°C(122°F) |
| | | Humidity | 20-90% at 40°C (104°F) |

Front Panel



Top View - Open



Overhead View



Back Panel



Contact Us call us at 1.877.296.4927

or visit us at www.acc-sd.com for more information on our full line of products and services.

