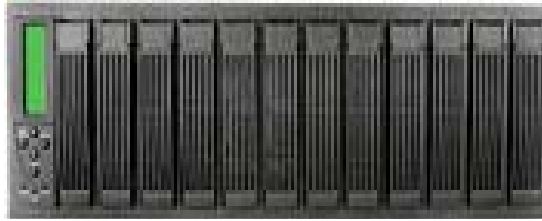


## RS3120 Unprecedented Storage Power



### Product Overview

The RS3120 RAID subsystem is a dual-host SCSI-to-IDE or Fibre-to-IDE device in a customized rack mount enclosure that can support 12 ATA hard drives. The RS3120 provides both increased drive access speed and fault tolerant capabilities. Using a 64-bit memory bus, the RS3120 provides users with unparalleled bandwidth by maximizing throughput that reaches transfer rates exceeding 130MB/sec. With advanced firmware functions as well as 64-bit hardware architecture, data is distributed and processed at razing speeds. The RS3120 offers a cost effective yet powerful solution that gives users a high capacity, high performance and fault tolerant storage device built around a dedicated XOR engine. The RS3120 can be configured to RAID levels 0, 1 (0+1), 3, or 5. The dual independent PCI bus design efficiently eliminates bandwidth bottlenecks and makes it an optimal RAID solution for a wide range of applications.

### Major Features

- 64-bit PowerPC® based architecture
- Ultra160 SCSI or Fibre Channel host interface
- 3U, 12 drive low profile rack mount form factor
- Online hot spare with global assignment
- ATA133/100 disk interface
- Hot-swap components for easy maintenance
- Supports RAID levels: 0, 1 (0+1), 3, 5
- Comprehensive environmental monitoring

### Power and Performance

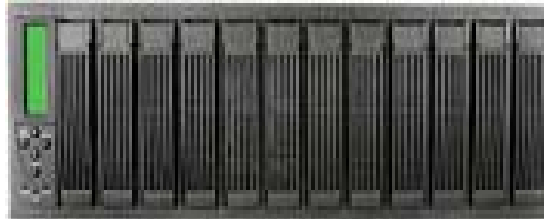
Real-Storage offers users two models of the RS3120 available in a dual channel SCSI-to-IDE and Fibre-to-IDE. The RS3120 has a 64-bit, PowerPC processor with 32KB/32KB I/D cache and 256KB L2 cache embedded. Our dual channel RS3120 models are built with a custom ASIC with dual system bus architecture with dedicated XOR engine and has 128MB of SDRAM DIMM (upgradeable to 1 GB) and come with two Ultra-160 SCSI channels that support up to 12 bays for ATA drives. The RS3120 supports amazing transfer rates up to 190MB/sec.

### High Data Availability

- Automatic drive failure detection
- Dual host interface available
- Automatic drive rebuild
- Upgradeable firmware in flash ROM
- Background rebuild
- Upgradeable cache
- Dynamic RAID Expansion
- Transfer Rates Up to 190MB/sec



## RS3120 Unprecedented Storage Power



### Storage Management

The RS3120 can be configured and managed in many ways; including, full front panel management, inband management software for Windows, embedded management via RS232C, and through RAIDGuide a java based interface. Environmental monitoring drive status and integrity, fan speed and adjustment, temperature of back plane and CPU, and power supply voltages are constantly monitored and reported via event notification. Event notification can be conducted by Email, fax, pager, and other broadcast features; including, SNMP trap (remote notification)

### Detail Specifications

#### Controls and Indicators

- Backlit front LCD control panel
- Power and drive failure indicators
- Built-in alarm with mute button

#### Notification / Alarm

- Email, fax, pager, and broadcast features
- SNMP trap (remote notification)
- Internal buzzer

#### Power Supply

- Dual redundant auto sensing power supply
- AC input: 90 ~ 264 VAC, 47 Hz ~ 63 Hz, 5.0A
- Continuous output power: 400W

#### Cooling

- Two hot swappable fan modules
- 9 cm ball-bearing, 4000 rpm, thermal controlled
- 12V DC, 0.36A, 3-pin connector

#### Dimensions

- Length: 21.8"
- Width: 17" w/o rack ears (19" with rack ears)
- Height: 5.25" (3 RU)
- 70 lbs without drives (86 lbs with drives)

#### Certifications

- FCC, UL, VCCI, BSMI, CE, TUV

### Model Specifications

#### RS3120-233UD

#### RS3120-233FD

ATA133/100 to U160 SCSI, Dual HD68-Pin Ports  
 ATA133/100 to 1G Fibre Channel, Dual DB9 Copper\*  
 PowerPC® 750, 233 MHz processor, dual Ultra160 SCSI ports  
 \*2G SFP Fibre Channel Available.

#### RS3120-400UD

#### RS3120-400FD

ATA133/100 to U160 SCSI, Dual HD68-Pin Ports  
 ATA133/100 to 1G Fibre Channel, Dual DB9 Copper\*  
 PowerPC® 750CXe, 400 MHz processor, dual 1Gb Fibre ports  
 \*2G SFP Fibre Channel Available.

