

Overview

Models

DZ554A

Introduction

The LSI Logic LSI20320A-R Ultra320 SCSI RAID single-channel host adapter is the right choice for increasing storage performance within servers and high-performance workstations. With 320MB/s throughput and capability of up to 50,000 I/Os per second, this adapter is ideal for quickly moving large amounts of data. Designed to provide a dedicated connection to Ultra320 disk drives or storage enclosures, the LSI20320-R delivers sensational performance.

This card also provides for increased reliability and performance with on-board Integrated RAID [0 (striping), 1 (mirroring), and 1E (enhanced mirroring)]. LSI Logic Integrated RAID is hardware-based and operating system independent resulting in exceptional performance without requiring special drivers.

Key Benefits

- 320-MB/s performance
 - Supports a single RAID volume RAID 0, 1, or 1E
 - Seamless backwards compatibility to protect legacy drives
 - Industry-leading compatibility and reliability
 - LSI Logic SureLINK Domain Validation to ensure data integrity
 - Fusion-MPT architecture allows for thinner drives, better performance, and flexibility at the firmware level.
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Compatibility

LSI 20320A-R Ultra320 SCSI RAID adapters are compatible with the HP xw4200, xw4300, xw6200, xw8200 and xw9300 Workstations.

Service and Support

Ultra320 SCSI adapters have a one-year limited warranty or the remainder of the warranty of the HP product in which they are installed. Technical support is available seven days a week, 24 hours a day by phone, as well as in online support forums. Certain restrictions and exclusions apply.

Technical Specifications

Bus architecture	PCI-X (backward compatible with PCI)
Number of supported devices	Up to 15 SCSI devices
Interface protocol	64 bit, 133MHz PCI-X
Host bus transfer rate	Up to 1MB/s
SCSI data transfer rate	Up to 320MB/s per channel
SCSI Bus	Wide Ultra320, Low Voltage Differential, and Ultra Wide Single-Ended
Internal connector	68-pin HD
External connector	68-pin HD
Total connectors	2
Plug and Play Support	No
Dimensions (H x L)	6.6 x 2.5 in (16.9 x 6.4 cm)
Approvals/ environmental	CE, VCCI, Canada, C-Tick, FCC class B, UL 94VO
Operating system support	Microsoft® Windows® XP Professional, XP Professional x64 Red Hat Linux 7.2, 7.3 and WS3
Kit contents	Controller card, driver CD, LED cables, user documentation and warranty card.

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