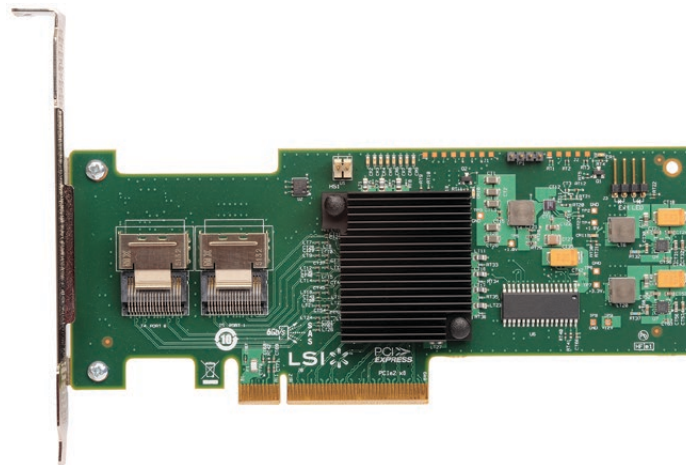


ServeRAID M1015 SAS/SATA Controller

A new level of reliability, availability and performance



The ServeRAID M1015 adapter offers a RAID entry point for businesses trying to protect their critical data while maintaining performance and availability for network applications. Utilizing 6 Gbps Serial Attach SCSI (SAS) and PCI Express 2.0, the ServeRAID M1015 offers the latest ServeRAID line of product features, while continuing to support the benefits of the previous 3 Gbps SAS/SATA generation. These new ServeRAID adapters, intended for inside-the-box connectivity, provide the necessary data-protection performance for developing IT infrastructures.

Flexible feature upgrade and migration

The ServeRAID M1015 controller is an affordable way for small businesses to implement data protection and increase Read/Write performance conveniently through RAID-0, -1 and -10. By connecting the optional ServeRAID M1000 series Advanced Feature Key to the controller, users will be able to achieve RAID-5, -50 data protection and support for self-encrypting drives. And in cases where the growing business demands additional performance and/or protection, the M1015 controller offers full upgradeability to the M5014 or M5015 controllers without the need to rebuild the storage infrastructure. By offering the Advanced Feature Key and Migration, the M1015 provides the necessary flexibility for companies on the rise.



Intuitive RAID management utility

MegaRAID Storage Manager provides the essential software tools to efficiently manage ServeRAID products, whether deployed in an enterprise or small business. This collection of applications and tools includes a preboot setup utility and a full spectrum of online RAID management utilities. The suite of applications allow administrators to adjust SAS topology views from the system host, controller and disk enclosure down to the logical and physical drive level. Extending to enterprise deployments, these tools scale to easily configure, monitor and manage RAID volumes locally or over the LAN network.

Maximizing investments

To help optimize technology investments, we offer a single point of serviceability backed by renowned education, support and training. In addition, the ServeRAID M1015 SAS/SATA

Controller is part of the ServerProven® program, enabling compatibility among a variety of Lenovo and partner products. We recognize that customers deserve the most innovative solutions.

Why System x

System x is the leading provider of x86 systems for the data center. The portfolio includes rack, tower, blade, dense and converged systems, and supports enterprise class performance, reliability and security. System x also offers a full range of networking, storage, software and solutions, and comprehensive services supporting business needs throughout the IT lifecycle.

Specifications

Part number	46M0831 – ServeRAID M1015 SAS/SATA Controller
Number of ports	Two x4 SFF-8087 Ports
Processor	LSI SAS2008
Cache	None
Interface	SAS 6 Gbps
Host bus interface	PCIe 2.0 x8
Drives supported	Up to 32 SAS and/or SATA drives
Supported RAID levels	RAID-0, -1, -10 (optional RAID-5, -50)
Management	MegaRAID Storage Manager, MegaCLI, WebBIOS and Preboot CLI
Supported servers	Visit the ServerProven page for the latest supported servers at ibm.com/servers/eserver/serverproven/compat/us/
Operating systems	Red Hat Enterprise Linux, SuSE Linux ES, Microsoft Windows 2003 (32- and 64-bit), Microsoft Windows 2008, Microsoft Windows PE (32- and 64-bit)
Form factor	PCIe low profile
Limited warranty*	1-year limited warranty, or when installed in a System x® server these cards assume your system's base warranty and any IBM ServicePac® upgrade

To learn more about the ServeRAID M1015 SAS/SATA Controller, contact your Business Partner or visit lenovo.com/thinkserver

* IBM hardware products are made from new parts, or new and serviceable used parts. Regardless, our warranty terms apply. For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. JDJA/B203. IBM makes no representation or warranty regarding third-party products or services, including those designated as ServerProven.

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IBM x86 products are now products of Lenovo in the U.S. and other countries. Learn more at ibm.com/lenovo-acquisition

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