



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



IBM ServeRAID M1015 SAS SATA Controller Card



The ServeRAID M1015 SAS/SATA Controller for IBM System x is an entry-level 6 Gbps SAS 2.0 PCI Express 2.0 RAID controller. The adapter has two internal mini-SAS connectors to drive up to 16 devices and supports the same base RAID 0, 1, and 10 feature set and drivers as the M5000 series controllers. With the attachment of the ServeRAID M1000 Advanced Feature Key, the ServeRAID M1015 offers the option of RAID 5 and SED Encryption Key management, while still being sensitive to administrator cost concerns in an entry-level RAID environment. This RAID controller provides connectivity to internal direct-attach or expander-attached hard disk, solid-state, or self-encrypting drives.

6 Gbps SAS 2.0 technology has been introduced to address data off-load bottlenecks in the direct-access storage environment. This throughput doubles the transfer rate of the previous generation. SAS 2.0 is designed for backward compatibility with 3 Gbps SAS as well as with 3 Gbps SATA hard drives. Regardless of the drive speed, 6 Gbps ServeRAID adapters will deliver significant performance improvements in both read and write applications as compared with their 3 Gbps predecessors.

Warranty One-year limited warranty.

Features

- * Eight internal 6 Gbps SAS/SATA ports
- * Supports SAS and SATA drives (but not in the same RAID volume)
- * Two Mini-SAS internal connectors (SFF-8087)
- * 6Gbps throughput per port
- * LSI SAS2008 6Gbps RAID on Chip (ROC) controller
- * x8 PCI Express 2.0 host interface
- * Supports RAID levels 0, 1, 10 (RAID levels 5 and 50 with optional ServeRAID M1000 Series Advanced Feature Key)
- * Connects to up to 16 SAS or SATA drives
- * Supports up to 16 logical volumes
- * Supports LUN sizes up to 64 TB
- * Configurable stripe size up to 64 KB



IBM ServeRAID M1015 SAS SATA Controller Card



* Compliant with Disk Data Format (DDF) configuration on disk (COD)

* S.M.A.R.T. support

Specification

General

The ServeRAID M1015 SAS/SATA Controller for IBM System x is an entry-level 6 Gbps SAS 2.0 PCI Express 2.0 RAID controller. The adapter has two internal mini-SAS connectors to drive up to 16 devices and supports the same base RAID 0, 1, and 10 feature set and drivers as the M5000 series controllers. With the attachment of the ServeRAID M1000 Advanced Feature Key, the ServeRAID M1015 offers the option of RAID 5 and SED Encryption Key management, while still being sensitive to administrator cost concerns in an entry-level RAID environment. This RAID controller provides connectivity to internal direct-attach or expander-attached hard disk, solid-state, or self-encrypting drives.

6 Gbps SAS 2.0 technology has been introduced to address data off-load bottlenecks in the direct-access storage environment. This throughput doubles the transfer rate of the previous generation. SAS 2.0 is designed for backward compatibility with 3 Gbps SAS as well as with 3 Gbps SATA hard drives. Regardless of the drive speed, 6 Gbps ServeRAID adapters will deliver significant performance improvements in both read and write applications as compared with their 3 Gbps predecessors.

Warranty One-year limited warranty.

Attributes

Card Type	SAS/SATA RAID Adaptor
Bus Type	PCI Express x8
Number of Supported Devices	Supports up to 16 logical volumes
Drive Compatibility	RAID 0, 1, 10
Compatible With	Disk Data Format (DDF) configuration on disk (COD)

Performance

Data Transfer Rate Up to 6Gb/s

Interfaces Ports

External Connectors 2



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



IBM ServeRAID M1015 SAS SATA Controller Card



Environmental

Environmental

Operating Temperature 10 to 35C - Humidity 20 to 80%

Physical

In The Box

One ServeRAID M1015 adaptor card with full-height bracket; One replaceable low-profile (2U) bracket; Documentation CD; The IBM Important Notices Document



memory express
020 8453 9700

Memory Express Ltd
51 Park Royal Road,
London,
NW10 7LQ

Tel: 020 8453 9700
Web: www.memory-express.co.uk
Email: sales@memory-express.co.uk



IBM ServeRAID M1015 SAS SATA Controller Card



About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?