**memory express**
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# Drobo B1200i 12-Bay Storage Area Network (SAN) Array for Business with 24TB (12x2TB) SAS Hard Drives

No Image Available

Built on proven BeyondRAID technology, coupled with the innovative Automated Data-Aware Tiering, the Drobo B1200i delivers a level of automation and technical sophistication usually reserved for more expensive enterprise solutions. All in a product as easy to use as a Drobo.  The Drobo B1200i is optimized for Small and Medium Business (SMB) IT to provide reliable, high-performance, and self-optimizing storage for server virtualization, email, and data protection. It integrates seamlessly into your TCP/IP network infrastructure and utilizes the industry-standard iSCSI protocol to provide powerful, yet simple, consolidated storage for your IT environment. A Drobo B1200i iSCSI array can hold up to 36TB of raw storage and beyond. To add capacity, simply insert a new hard drive or replace your smallest drive with a larger one, even when all drive bays are full. Unlike traditional RAID, the BeyondRAID technology in Drobo enables you to leverage different drive capacities, allowing for continuous expansion as larger drives become available. With Drobo, expansion is automatic and instantaneous and access to data is always maintained, all while protecting you from two simultaneous drive failures. Automated Data-Aware Tiering allows businesses to consolidate storage resources and share that storage across all connected servers and their applications.

The Drobo B1200i moves beyond manually tuning an array for applications that have different storage requirements. Automated Data-Aware Tiering leverages high capacity hard disk drives (HDDs) paired with high-performance solid state drives (SSDs) to deliver application-optimized storage that requires no manual tuning.  Create new volumes up to 16TB in seconds and manage them over time with ease. The innovative and time-saving Smart Volumes management technology with Thin Provisioning integrated into the Drobo B1200i allows volumes to pull storage from the common pool of disks rather than a specific physical disk allocation. The labor of resizing and migrating volumes is replaced with the simplicity of intelligent engineering.  Similar to business applications, Drobo is ideal for building your first server virtualization cluster, highly available email server, or scalable backup server. Drobo technology has been certified for VMware vSphere, Citrix XenServer, Symantec Backup Exec, and Veeam Backup environments.  The B1200i is the first Drobo with serviceable modular components: removable controller card; dual-redundant, hot-swappable power supplies; and a hot-swappable cooling fan unit. You can source field replaceable units in advance in case of a single hardware component failure, to ensure high uptimes.

| | |
|---|---|
| **Warranty** | 2 Year |
| **Maximum Enclosure Capacity** | Total Bay Capacity 36TB - Number of Bays 12 |
| **Included Drive(s)** | 24000GB (12 x 2000GB) 7200RPM SAS 6Gb/s |
| **Network Interface** | Ethernet 100/1000Mbps |
| **Dimensions** | 43.61cm (W) x 55.50cm (D) x 13.21cm (H) - Weight 21.30kg |

## Features

∗ **BeyondRAID Technology**

∗ **Designed for IT Environments**

∗ **Automated Data-Aware Tiering**

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∗ **Smart Volumes with Thin Provisioning**

## Specification

### General

Built on proven BeyondRAID technology, coupled with the innovative Automated Data-Aware Tiering, the Drobo B1200i delivers a level of automation and technical sophistication usually reserved for more expensive enterprise solutions. All in a product as easy to use as a Drobo.  The Drobo B1200i is optimized for Small and Medium Business (SMB) IT to provide reliable, high-performance, and self-optimizing storage for server virtualization, email, and data protection. It integrates seamlessly into your TCP/IP network infrastructure and utilizes the industry-standard iSCSI protocol to provide powerful, yet simple, consolidated storage for your IT environment. A Drobo B1200i iSCSI array can hold up to 36TB of raw storage and beyond. To add capacity, simply insert a new hard drive or replace your smallest drive with a larger one, even when all drive bays are full. Unlike traditional RAID, the BeyondRAID technology in Drobo enables you to leverage different drive capacities, allowing for continuous expansion as larger drives become available. With Drobo, expansion is automatic and instantaneous and access to data is always maintained, all while protecting you from two simultaneous drive failures. Automated Data-Aware Tiering allows businesses to consolidate storage resources and share that storage across all connected servers and their applications.

### Information

The Drobo B1200i moves beyond manually tuning an array for applications that have different storage requirements. Automated Data-Aware Tiering leverages high capacity hard disk drives (HDDs) paired with high-performance solid state drives (SSDs) to deliver application-optimized storage that requires no manual tuning.  Create new volumes up to 16TB in seconds and manage them over time with ease. The innovative and time-saving Smart Volumes management technology with Thin Provisioning integrated into the Drobo B1200i allows volumes to pull storage from the common pool of disks rather than a specific physical disk allocation. The labor of resizing and migrating volumes is replaced with the simplicity of intelligent engineering.  Similar to business applications, Drobo is ideal for building your first server virtualization cluster, highly available email server, or scalable backup server. Drobo technology has been certified for VMware vSphere, Citrix XenServer, Symantec Backup Exec, and Veeam Backup environments.  The B1200i is the first Drobo with serviceable modular components: removable controller card; dual-redundant, hot-swappable power supplies; and a hot-swappable cooling fan unit. You can source field replaceable units in advance in case of a single hardware component failure, to ensure high uptimes.

### General

| | |
|---|---|
| **Warranty** | 2 Year |

### Storage

| | |
|---|---|
| **Maximum Enclosure Capacity** | Total Bay Capacity 36TB - Number of Bays 12 |

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| | |
|---|---|
| **Included Drive(s)** | 24000GB (12 x 2000GB) 7200RPM SAS 6Gb/s |
| **Host Connections** | iSCSI |

## Interfaces/Ports

| | |
|---|---|
| **RJ-45 Ports** | 4 x RJ-45 |

## Network (Wired)

| | |
|---|---|
| **Network Interface** | Ethernet 100/1000Mbps |
| **Network Protocols** | iSCSI  CHAP Authentication |

## System

| | |
|---|---|
| **Management** | Drive bay indicator lights, capacity gauge, status lights  Drobo Dashboard version 2.1 or later |

## System Requirements

| | |
|---|---|
| **Operating Systems Supported** | Mac OS X Server 10.5.8 or later (Intel Only), Mac OS X Server 10.6.8 or later (Intel Only)  Windows Server 2003 R2 SP1 32 and 64 bit, Windows Server 2008 R2 SP1 64 bit  Red Hat Enterprise Linux 6 (Intel only)  VMware vSphere 4.1.x (ESXi)  Citrix XenServer 5.6 |

## Compliance

| | |
|---|---|
| **Standards** | RoHS, WEEE, REACH, FCC Part 15 Class A; Canada ICES- 003 Class B; CE Mark; CISPR22:19973rd Edition Class B; MIC Mark; VCCI Approval to V.3; BSMI Approval to CNS13438; ACA Approval to AS/ NZS 3548, UL, cUL, TUV, CB |

## Electrical

| | |
|---|---|
| **Voltage/Frequency/Power** | 100 to 240V AC / 50 to 60Hz |
| **Power Supply** | Dual Redundant Hot-Swappable |
| **Cooling System** | Redundant, hot-swappable cooling fan unit |

## Environmental

| | |
|---|---|
| **Environmental** | Operating Temperature 10 to 35C |

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| | |
|---|---|
| **Operating Humidity** | Humidity 20 to 80% |

## Physical

| | |
|---|---|
| **In The Box** | Drobo B1200i  Rack mount installation guide  Rack mount parts  2 x 6 ft power cords  Getting Started Guide (printed)  Resource CD, which includes Drobo Dashboard application |
| **Dimensions** | 43.61cm (W) x 55.50cm (D) x 13.21cm (H) - Weight 21.30kg |

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# Options

## Service Packs

| | | | | |
|---|---|---|---|---|
| Drobo | DR-B1200I-1T31 | DroboCare 3 Year 24x7 Next Business Day Technical Support for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | Call us | VIEW> |
| Drobo | DR-B1200I-1M31 | DroboCare 1 Year 24x7 Next Business Day Technical Support for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | Call us | VIEW> |
| Drobo | DR-B1200I-1F11 | Drobo Fan Unit for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | £176.68 | VIEW> |

## Storage device trays or assembli

| | | | | |
|---|---|---|---|---|
| Drobo | DR-B1200I-1L13 | Drobo Spares Kit (Includes Fan Unit, Controller Card, Expander Card, Hard Drive, Power Supply) for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | £2610.53 | VIEW> |

## Controller Cards

| | | | | |
|---|---|---|---|---|
| Drobo | DR-B1200I-1G11 | Drobo Controller Card for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | £1441.58 | VIEW> |
| Drobo | DR-B1200I-1E11 | Drobo Expander Card for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | £579.15 | VIEW> |

## Power Supplies

| | | | | |
|---|---|---|---|---|
| Drobo | DR-B1200I-1P11 | Drobo Power Supply for Drobo B1200i 12-Bay Storage Area Network (SAN) Array | £291.67 | VIEW> |

# 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.

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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?