



IBM 3519 Rack Storage Expansion Enclosure

Highlights

High availability

- Hot-swap disk bays enable you to replace drives without interrupting your business-critical applications.

Capacity

- In six slim-high, hot-swap bays, you can install six 2.25 or 4.51GB F/W SCSI-2 drives, or six 4.51GB Wide Ultra SCSI drives. Alternatively, you can install up to three half-high, 9.1GB Wide Ultra SCSI drives. A maximum hot-swappable storage capacity of 27.3GB means this expansion enclosure can handle the requirements of your storage-hungry database applications and large user networks, and handle them safely.

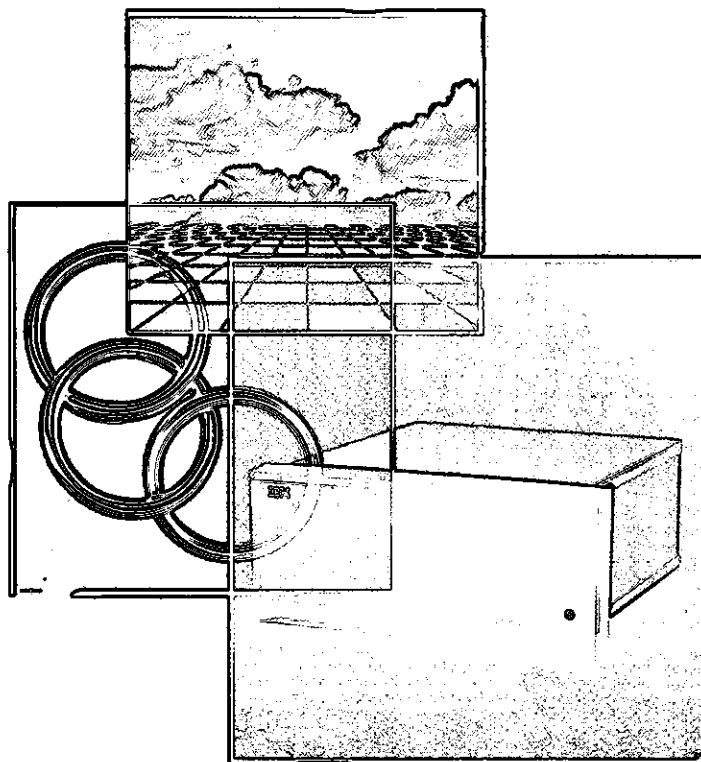
Scalability

- Industry-standard rack-enabled design provides the flexibility to grow the system as your business grows.

IBM's 3519 Rack Storage Expansion Enclosure helps you confidently build a reliable storage foundation for your networked business systems. By bringing the power, control and service you expect from larger systems to industry-standard platforms, the 3519 Rack Storage Expansion Enclosure provides affordable and dependable storage that meets a wide variety of business computing needs.

Scalable, affordable power

The 3519 Rack Storage Expansion Enclosure delivers scalable hard drive expansion capabilities, providing space for up to 27.3GB of hot-swappable storage. Each of the six slim-high, hot-swap disk bays accepts a 2.25 or 4.51GB F/W SCSI-2 drive, or a 4.51GB Wide Ultra SCSI drive. As an alternative configuration, you may decide to fill these hot-swap bays with three half-high, 9.1GB Wide Ultra SCSI drives.



... Just better business

In addition to the hot-swap bays, the 3519 Rack Storage Expansion Enclosure provides three 5.25" half-high bays for removable media devices like tape drives or up to two 9.1GB or three 4.51GB non-hot-swap F/W SCSI-2 drives.

If you've implemented server clusters to deploy your mission-critical applications, you can take advantage of the system's twin-tailing capabilities and support for a second repeater card. The flexible, rack-enabled configuration is designed to meet industry-standard rack requirements, making configuring and upgrading components easier.

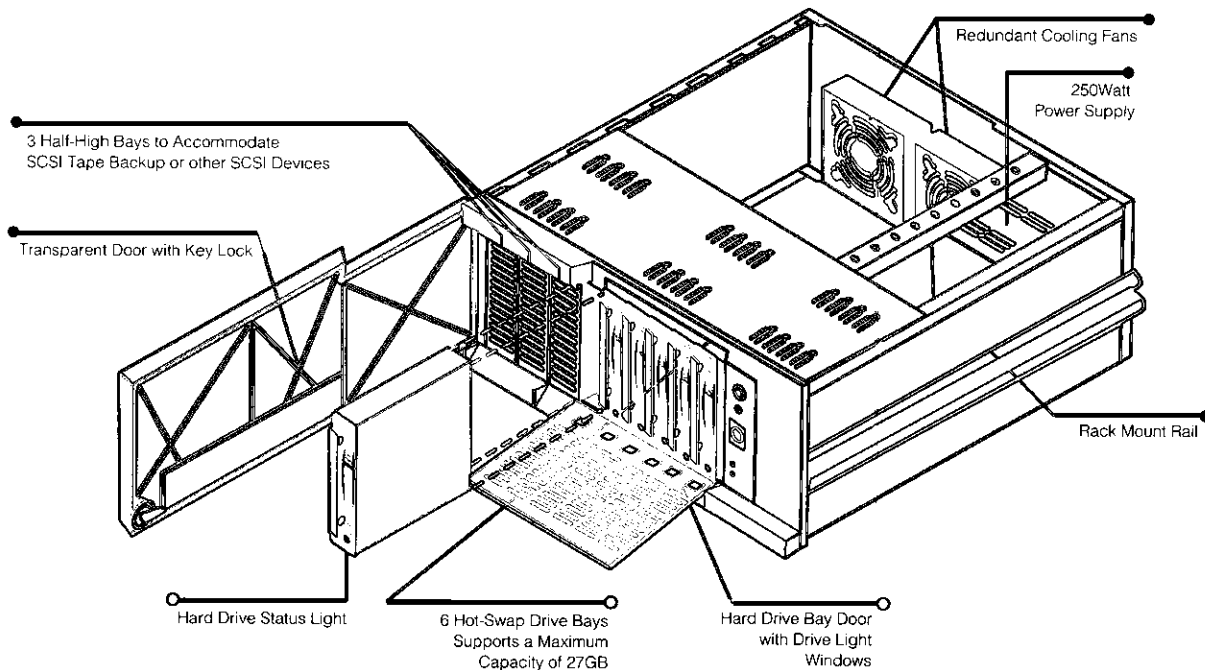
Reliability, availability and manageability

Making data integrity our number one priority in designing this system, we've ensured that the 3519 Rack Storage Expansion Enclosure offers the reliability required for deploying mission-critical applications. All available hard drives employ Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.)—they are self-monitoring and automatically report potential failure in time for technicians to take corrective action before a loss of critical data occurs. An advanced repeater card is standard, boosting the data-transfer signal across the system's SCSI cable, giving you confidence that no loss of data will occur during data transfer. Plus, integration with IBM NetFinity, our award-winning systems management software, means you can proactively maintain control of your storage subsystem.

Service and support you can count on

The 3519 Rack Storage Expansion Enclosure is designed and manufactured to IBM's strictest quality specifications and tested to ensure the highest possible reliability. Plus, from the moment you purchase the equipment from IBM or an authorized IBM Business Partner, you receive the broadest array of service and support solutions available in the industry:

- A three-year limited warranty on all parts, and a one-year limited warranty covering all labor, on-site, worldwide.
- Phone support—Toll-free, 24 hours a day, seven days a week, for the duration of the warranty period.



IBM RACK EXPANSION ENCLOSURE

- **IBM PC Server Start Up Support**—At no additional charge, support for system installation that includes not only the system, but selected network operating systems and third-party components for 90 days from time of purchase.
- **Electronic support**—Access to IBM support via fax, bulletin board, the Internet and commercial online services. Plus, comprehensive technical and compatibility information for operating systems and adapters is available on our Web site.
- **IBM TechConnect**—An IBM PC Server training, certification and information resource program designed exclusively for networking or server technical specialists who install, configure, recommend and support servers in Internet and intranet environments.

IBM Options

To help you customize your IBM PC Server products to meet your specific business computing needs, IBM offers a variety of compatibility-tested server options.

- PC Server 2.25GB F/W SCSI-2 Hot-swap Hard Disk Drive III 70G9862
- PC Server 4.51GB F/W SCSI-2 Hot-swap Hard Disk Drive III 70G9863
- 4.51GB Wide Ultra SCSI-2 Hot-swap Hard Disk Drive 94G7491
- 9.1GB Wide Ultra SCSI-2 Hot-swap Hard Disk Drive 94G7492
- IBM Ultrastar 2XP 4.51GB Wide Ultra SCSI Hard Disk Drive 76H2687
- IBM Ultrastar 2XP 9.1GB Wide Ultra SCSI Hard Disk Drive 76H2689
- PC Server SCSI-2 F/W Enhanced Repeater 94G7585
- IBM SCSI Storage Extender Cable 94G7594

For compatibility information and a complete list of options, visit our Web site at www.pc.ibm.com/options.

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 IBM NetFinity Information Brief Doc.#14916
 S.M.A.R.T. Technology Doc. #14915
 PC Server Advanced Systems Management Doc. #15905

World Wide Web www.pc.ibm.com/server

IBM 3519 Rack Storage Expansion Enclosure at a glance

Model	R01
Storage bays (total/available)	6/6 3.5" Slim-high, hot-swap 3/3 5.25" Half-high
Supported drives	2.25GB, 4.51GB F/W SCSI-2 4.51GB, 9.1GB Wide Ultra SCSI
Storage capacity	27.3GB
Status LEDs	Power/Fan/Alert
Clustering support	Twin-tail enabled
Power supply	200W
Redundant fans	Yes
Thermal monitor/alert	Yes
Rack drawer model	Yes

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