

## IBM System Storage EXP3000 Express



IBM System Storage EXP3000 Express

The IBM System Storage™ EXP3000 Express is a high-density 2U, 19" rack mount driven closure designed for supporting a total of twelve 3.5" disk drives.

### IBM System x Server Attachment

Robust and flexible, the EXP3000 Express can be used as a direct-attach solution for IBM System x servers with support of MegaRAID or ServeRAID host bus adapters. Multiple EXP3000s can be connected to expand capacity and to help address your data needs today and tomorrow.

### IBM System Storage™ DS3000 Express Series

The EXP3000 Express supports attachment to the DS3000 Express Series providing a highly available storage system scaling up to 48 SAS and/or SATA disk drives. Up to three EXP3000s can be connected to expand capacity and IOPs performance of the solution to help address your data needs today and tomorrow.

---

### Highlights

---

- **3 Gbps SAS drive expansion technology**
- **Support for up to 5.4 TB of SAS disk physical storage capacity (450 GB SAS drives) in a single enclosure**
- **Support for up to 12 TB of SATA disk physical storage capacity (1.0 TB SATA drives) in a single enclosure**
- **SAS or SATA hard disk drive intermix supported with select IBM System x™, IBM System p®, and IBM BladeCenter® servers using the DS3000 series of storage systems, MegaRAID or ServeRAID™ host bus adapters**
- **Three EXP3000s can be attached to a DS3000 storage system to expand up to 21.6 TB of physical storage capacity when utilizing 450 GB SAS drives or 48.0 TB of physical storage capacity when utilizing 1 TB SATA drives**
- **Telco model supports -48 V DC power supplies**
- **NEBS and ETSI compliance for AC and DC models**



## EXP3000 Express at a glance

<b>Model</b>	1727-01X—IBM System Storage EXP3000 Express 1727-02T—IBM System Storage EXP3000 Express with DC power supplies
<b>Environmental services module</b>	Single ESM with dual ESM option SAS interface: Two mini-SAS connectors
<b>Drives supported</b>	SAS 15,000rpm capacities: 73 GB, 146 GB, 300 GB, and 450 GB SATA 7,200rpm capacities: 500 GB, 750 GB, 1.0 TB
<b>Fans and power supplies</b>	Two hot-swappable 530 watt (115 – 230 V AC) power supplies
<b>Rack support</b>	19", industry-standard rack
<b>Warranty</b>	Three-year parts and labor warranty
<b>EXP3000 physical characteristics</b>	
Dimensions	8.7 cm x 44.7 cm x 55.0 cm (3.43 in x 21.6 in x 17.6 in) (H x W x D)

### For more information

Contact your IBM representative or IBM Business Partner, or visit:

[ibm.com/systems/storage](http://ibm.com/systems/storage)

This document could include technical inaccuracies or typographical errors. IBM may not offer the products, services or features discussed in this document in other countries, and the product information may be subject to change without notice. Consult your local IBM business contact for information on the product or services available in your area. Any statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only. The information contained in this document is current as of the initial date of publication only and is subject to change without notice. All performance information was determined in a controlled environment. Actual results may vary. Performance information is provided "AS IS" and no warranties or guarantees are expressed or implied by IBM. Information concerning non-IBM products was obtained from the suppliers of their products, their published announcements or other publicly available sources. Questions on the capabilities of the non-IBM products should be addressed with the suppliers. IBM does not warrant that the information offered herein will meet your requirements or those of your distributors or customers. IBM provides this information "AS IS" without warranty. IBM disclaims all warranties, express or implied, including the implied warranties of noninfringement, merchantability and fitness for a particular purpose or noninfringement. IBM products are warranted according to the terms and conditions of the agreements under which they are provided.

© Copyright IBM Corporation 2008

IBM Systems and Technology Group  
Route 100

Somers, New York 10589

Produced in the United States

October 2008

All Rights Reserved

IBM, the IBM logo, [ibm.com](http://ibm.com) and System Storage are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. These and other IBM trademarked terms are marked on their first occurrence in this information with the appropriate symbol (® or ™), indicating US registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the Web at [ibm.com/legal/copytrade.shtml](http://ibm.com/legal/copytrade.shtml)

Other company, product, or service names may be trademarks or service marks of others.

MB, GB and TB equal 1,000,000, 1,000,000,000 and 1,000,000,000,000 bytes, respectively, where referring to storage capacity. Actual storage capacity will vary based upon many factors and may be less than stated. Some numbers given for storage capacities give capacity in native mode followed by capacity using data compression technology.



Recyclable, please recycle.

TSD03025-USEN-04