



# IBM System Storage EXP3000 Express

*Affordable, scalable and robust Serial Attached SCSI (SAS)/Serial Advanced Technology Attachment (SATA) storage expansion unit*

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## Highlights

- 3 Gigabits per second (Gbps) SAS drive expansion technology
- Combination of 12 SAS – up to 7.2 TeraByte (TB) – or SATA – up to 24.0 TB – drives per enclosure
- SAS or SATA hard disk drive (HDD) intermix supported with select servers using the DS3000 systems, MegaRAID or ServeRAID host bus adapters (HBAs)
- Support for three EXP3000 enclosures on a DS3000 system for up to 28.8 TB with SAS or up to 96.0 TB SATA
- Flexible power options for Telco applications and Network Equipment-Building System (NEBS) and European Telecommunications Standards Institute (ETSI) compliance.



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 (DAS) for IBM System x servers with support of MegaRAID or ServeRAID HBAs. Multiple EXP3000s can be connected to expand capacity and to help address your data needs today and tomorrow.

Solid state drives (SSDs) present an opportunity to simplify local storage infrastructure to help maintain overall maintenance and cooling cost, while considering remote storage solutions for end-to-end data availability as part of their System x ecosystem. SSDs are an appropriate solution for local operating system (OS) booting, high performance input/output (I/O) applications and some local storage space. Increasingly, solid state storage may be a practical component in balancing datacentre cost, reliability and manageability.

## 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 I/O operations per second (IOPs) performance of the solution to help address your data needs today and tomorrow.





## 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>	3 Gbps SAS: 146 GB, 300 GB and 450 GB SAS drives at 15,000 revolutions per minute (rpm) speeds 6 Gbps SAS: 300 GB, 450 GB, 600 GB SAS drives at 15,000 rpm speeds 3 Gbps SATA: 500 GB, 750 GB, 1.0 TB, 2.0 TB SATA drives at 7,200 rpm speed Solid State Disk: 50 GB SATA (System x direct attach only via the ServeRAID MR10M SAS/SATA controller adapter)
<b>Fans and power supplies</b>	Two hot-swappable 515 watt (115 – 230 V AC) power supplies
<b>Rack support</b>	19" industry-standard rack
<b>Warranty</b>	Three-year parts and labour 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

To learn more about the [IBM System Storage EXP3000 Express](#), please contact your IBM representative or IBM Business Partner, or visit: [ibm.com/systems/uk/storage/disk/exp3000/](http://ibm.com/systems/uk/storage/disk/exp3000/)

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