

# Disk Array XP512



## Product

### HP SureStore E Disk Array XP512

HP SureStore E Disk Array XP512 - It's the Next Generation of the World's Best High-Availability Storage Solution!

BIGGER...more scalability  
FASTER...dramatically increased performance  
COMPACT...remarkably small footprint  
And it's OPEN...ideal for heterogeneous environments.

Leading-Edge Storage – Bigger, Faster, Compact  
Introducing the new HP SureStore E Disk Array XP512, the industry's ONLY true high-end storage platform, features explosive performance, incredible scalability and reliability, with unmatched manageability in truly heterogeneous environments. The information you need is "Always Up, Always Available" anytime, anywhere.

#### The Versatility of Crossbar Architecture

The XP512's Crossbar Architecture relegates other bus-based arrays to a mid-range solution, with its explosive performance and allows excellent sequential I/O for Data Warehousing applications and technical computing environments.

The exceptional random I/O performance paves the way for leading SAP, Oracle, and messaging workloads.

#### Dependable Without Failure -The Ultimate Uptime Assurance

Fault-tolerant, redundant architecture ensures there is no single point-of-failure, so your data is available when you need it. Online firmware upgrades virtually eliminate planned downtime. Proven ultra-high availability disk drives guarantee superior uptime. And with no single point of failure, the XP512 is an "Always up—always Available" storage system giving you data access anytime while non-disruptive upgrades and additional capabilities for both hardware and firmware eliminate downtime as you scale your system to meet new business needs. And rest easy, the XP512 disk drives have been tested at an astonishing 2.5 million hours MTBF!

Features	Benefits
<b>RAID 0/1 and RAID 5 support</b>	Optimizes storage performance.
<b>Super High-Reliability 18GB and 47GB 10,000 RPM Fibre Channel Drives</b>	Provide choice, scalability and reliability to fit your capacity requirements.
<b>Support for Fibre Channel, SCSI, and ESCON</b>	Supports all your datacenter needs, from consolidation and long distance data mirroring to disaster recovery and beyond.
<b>Battery-Protected, Mirrored Write Cache</b>	Ensures all data written to an XP512 is safe – no matter what.
<b>24/7/365 Protective Support</b>	Identifies and resolves problems before they occur.



## Product HP SureStore E Disk Array XP512

### Management: Broad, Simple, Powerful

HP provides the broadest integrated software portfolio, uniquely solving your IT management, disaster recovery, back up and restore, and other business critical issues. A powerful web-based management platform gives you the freedom to manage your data from anywhere – anytime – all the time.

Concerned over distance? We solved that too. We've extended our disaster recovery solutions to anywhere on the planet and created zero impact, zero downtime back up and restore solutions. So relax; your data is safe and managed. Intelligent SAN management software simply extends the capability of the XP512 by providing centralized monitoring and management of SAN infrastructure and your XP Disk Arrays.

Secure LUN Management software provides heterogeneous manageability in both NT and Solaris environments. And a common Graphical User Interface (GUI) eliminates the task of learning one set of commands each time you move to another application or workstation.

### Strength that Withstands All Situations

Best of all, the XP512 Disk Array is THE OPEN CHOICE of 3rd party vendors. We work with what you have and what you might want: Sun, Compaq/DEC, Sequent, Novell, SGI, IBM, Hitachi and also with providers such as STK, Brocade, Ancor, Emulex, and McData.

### Protection for Your Future Investments - Today

Not only does the XP512 support new lower-cost generations of disk technology in existing frames, but also its modular disk upgradeability reduces the need for troublesome "forklift" upgrades as capacity needs grow. The XP512 can scale from 4 disk drives to 512 disk drives without a moment of downtime. Fast, easy, secure data access across multiple mainframe and heterogeneous UNIX, HP MPE, multi-vendor Windows NT, Windows 2000 and other open systems provides a robust multi-platform solution for storage consolidation, OLTP, data warehousing, enterprise backup and restore, and disaster recovery. Broad Microsoft certification assures compatibility and uptime in Windows NT and Windows 2000 environments.

Full integration into the HP Equation storage architecture ensures open, secure SAN management - including support for HP-UX, Sun Solaris, IBM AIX and multi-vendor NT backup and restore solutions designed to avoid impact on operations. And Continuous Access XP and Continuous Access XP Extension provide exceptionally reliable, high-speed data transfer over unlimited WAN distances for disaster recovery.

### The Ultimate Uptime Assurance

Fault-tolerant, redundant architecture ensures there is no single point-of-failure, so your data is available when you need it. Online firmware upgrades virtually eliminate planned downtime. Proven ultra-high availability disk drives guarantee superior uptime. And with no single point of failure, the XP512 is an "Always up—always Available" storage system giving you data access anytime while non-disruptive upgrades and additional capabilities for both hardware and firmware eliminate downtime as you scale your system to meet new business needs.

### Proactive 365 x 24 Operational Support

Remote, "phone home" capabilities detect and fix problems before they occur. We offer comprehensive support and consulting services spanning your server, SAN and storage requirements.

### HP's Proven Experience

Only HP has the experience and expertise to develop any scale of datacenter storage solutions to meet your specific needs today and in years to come.



For the location of the nearest sales office call:

**United States of America:**  
+1 800 637 7740

**Canada:**  
Hewlett-Packard Ltd.  
5150 Spectrum Way  
Mississauga, Ontario  
L4W 5G1  
+1 905 206 4725

**Japan:**  
Hewlett-Packard Japan, Ltd.  
Japan Country H.Q.  
3-29-21, Takaido-Higashi,  
Suginami-ku,  
Tokyo, 160-8585 Japan  
+81 3 3331 6111

**Latin America:**  
Hewlett-Packard  
Latin American Region  
Headquarters  
Waterford Building, 9th Floor  
5200 Blue Lagoon Drive  
Miami, Florida 33126 USA  
+1 305 267 4220  
Refer to country phone numbers

**Hungary:** +36 1 252 7300

**Iceland:** High Performance  
Systems hf. +354 1 67 10 00

**Ireland:** +353 12 88 33 99

**Israel:** Computation and  
Measurement Systems (CMS)  
Ltd.  
+972 3 5380 333

**Italy:** +39 2 92122770

**Mexico:** +525 326 4600

**Netherlands:** +31 20 547  
6911

**Norway:** +47 22 7356 00

**Poland:** +48 22 608 77 00

**Portugal:** +351 1301 7343

**Russia and the CIS,  
excl. Ukraine:** +7 095 923  
5001

**Slovenia:** +38 61 55 84 72

**Spain:** +34 1 631 1600

**Sweden:** +46 8 444 2000

**Switzerland:** +411 735 7111

**South Africa:** Hewlett-Packard  
South Africa (Pty) Ltd.  
+27 11 806 1000

**Turkey:** +90 212 224 5925

**United Kingdom:** +44 1344  
369231

**Venezuela:** +582 239 4133

**Australia/New Zealand:**  
Hewlett-Packard Australia  
Ltd.  
31-41 Joseph Street  
Blackburn, Victoria 3130  
Australia (A.C.N. 004 394  
763)  
+61 3 9272 2895

**Asia Pacific:**  
Hewlett-Packard Asia Pacific  
Ltd.  
17-21/F, Shell Tower  
Times Square  
1 Matheson Street  
Causeway Bay  
Hong Kong  
+8522 599 7777

**Europe/Africa/Middle East:**  
Hewlett-Packard S.A.  
150, Route du Nant-d'Avril  
CH-1217 Meyrin 2  
Geneva, Switzerland  
+41 22 780 81 11  
European Multicountry:  
+41 22 780 81 11  
Middle East and Africa:  
+41 22 780 71 11  
European Headquarters:  
+41 22 780 81 81  
Refer to country phone numbers

For direct country  
contact call:

**Argentina:** +541 787 7145

**Austria:** +43 1 25 000 0

**Belgium and Luxembourg:**  
+32 2 778 31 11

**Brazil:** +5511 7296 8000

**Chile:** +562 203 3233

**Colombia:** +571 629 5030

**Denmark:** +45 45 99 10 00

**East Central Europe, CIS,  
and Yugoslavia:**  
+43 1 25 000 0

**Finland:** +358 9 887 21

**France:** +33 1 69 82 60 60

**Germany:** +49 7031 140

**Greece:** +30 1 689 644



For the location of the nearest sales Office  
call 1 800 637 7740. For more information,  
please visit the HP Enterprise Storage Web site at  
[www.hp.com/go/enterprisestorage](http://www.hp.com/go/enterprisestorage)

Technical information contained in this document  
is subject to change without notice.

© Copyright Hewlett-Packard Company 2000  
All Rights Reserved. Reproduction, adaptation, or translation without  
prior written permission is prohibited except as allowed under the  
copyright laws. UNIX is a registered trademark of the Open Group in  
the U.S. and other countries. Windows NT is a registered trademark  
of the Microsoft Corporation.

Printed in the USA 6/00  
5980-1819e