

## European Solar Energy Storage

# Hp storageworks modular smart array 1000 U S Outlying Islands



## Overview

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What is HP StorageWorks modular smart array 1000?

The HP StorageWorks Modular Smart Array 1000 (MSA1000) is a 2 Gb Fibre Channel storage system designed for the entry-level to mid-range Storage Area Network (SAN). Designed to reduce the complexity, expense and risk of SAN deployment, the MSA1000 is a scalable, high performance storage system built with investment protection in mind.

What is HP StorageWorks msa1000 San starter high availability kit?

New HP StorageWorks MSA1000 SAN Starter High Availability Kit, a companion piece to the MSA SAN Starter Kit, providing the necessary hardware pieces to insure redundancy. It replaces the two older HA Kits that included StorageWorks Secure Path software.

How much storage capacity does the HP msa1000 have?

The modular design of the MSA1000 allows the user to easily add storage capacity as needed. With the addition of two HP StorageWorks MSA30 disk enclosures with space for a total of forty-two enterprise-class drives, maximum storage capacity is 12TB.

How many racks can be connected to the msa1000?

NOTE: Maximum of two can be connected to the MSA1000. NOTE: Maximum of one can be connected to the MSA1000. NOTE: It is mandatory to use a shock pallet in order to ship racks with equipment installed. NOTE: It is mandatory to use a shock pallet in order to ship racks with equipment installed.

How many hard drives does the msa1000 use?

The MSA1000 cabinet scales to 4 TB using fourteen 300 GB, 1" HP Universal hard drives. By simply adding additional StorageWorks disk Enclosures (two enclosures max), the MSA1000 scales to 12 TB using forty-two 300 GB 1" HP

Universal hard drives - all within 10U of rack space.

How many drives can a msa1000 cabinet hold?

StorageWorks Enclosures The MSA1000 cabinet holds fourteen 1" Universal Drives. Add one StorageWorks Enclosure to increase capacity up to 28 drives. Add two HP StorageWorks Enclosures to increase capacity up to the maximum of 42 drives. NOTE: Maximum of two can be connected to the MSA1000. NOTE: Maximum of one can be connected to the MSA1000.

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### HP StorageWorks Modular Smart Array 1000 Controller ...

HP StorageWorks Modular Smart Array 1000 Controller Zweite Ausgabe (Mai 2004)  
 Teilenummer: 347281-042 Dieses Handbuch enthält Informationen zur Verwendung, zum Austausch von Komponenten und zur Wartung des HP StorageWorks Modular Smart Array 1000 Controllers (MSA1000 Controller).

### HP StorageWorks 1500 Modular Smart Array

HP StorageWorks Modular Smart Array 1000/1500 Command Line Interface User Guide  
 HP StorageWorks Modular Smart Array 1000 Controller Reference Guide HP Array Configuration Utility User Guide HP Modular Smart Array 1500 Compatibility Matrix HP StorageWorks Modular Smart Array 1500 Application Notes, including:



### HP StorageWorks 1000 Modular Smart Array QuickSpec ...

Modular Smart Array 30 (MSA30) drive enclosure, single bus 302969-B21 Modular Smart Array 30 (MSA30) drive enclosure, dual bus 302970-B21 MSA1000 SAN Starter G2 Kit (w/ PCI-E HBAs) HP StorageWorks MSA1000 SAN Starter G2 Kit (Windows, NetWare or Linux compatible) 353803-B23 NOTE: Includes (1) MSA1000 (1) MSA SAN Switch 2/8, (2) FC1142SR 4Gb PCI-E

## HP StorageWorks 1000

Hp StorageWorks 1000 - Modular Smart Array Pdf User Manuals. View online or download Hp StorageWorks 1000 - Modular Smart Array User Manual, Installation Manual, Troubleshooting Manual, Specification



## **HP StorageWorks 1500 Modular Smart Array**

HP StorageWorks 1500 Modular Smart Array Produktversion: Controller-Firmware 5.xx oder früher, mit aktiv/passiv-Unterstützung Controller-Firmware 6.xx oder höher, mit aktiv/aktiv-Unterstützung HP StorageWorks Modular Smart Array 1000/1500 Befehlszeilenoberfläche

## **HP StorageWorks Modular Smart Array 1500 cs Anleitung**

HP StorageWorks Modular Smart Array 1500 cs Anleitung Migrieren auf aktiv/aktiv Controller in Linux Umgebungen Teilenummer: 400681-041 Erste Ausgabe: Januar 2006. Rechtliche Hinweise o HP StorageWorks 1000/1500 Modular Smart Array Befehlszeilenoberfläche Benutzerhandbuch



## **HP StorageWorks 1000 Modular Smart Array ...**

HP StorageWorks 1000 Modular Smart Array QuickSpec for Intel, AMD, PA-RISC Download pdf Product Bulletin, research Hewlett Packard Enterprise servers, storage, networking, enterprise solutions and software.

### Support Customized Product



## HP StorageWorks Modular Smart Array 1500 cs Anleitung

\*400677-041\* \*400677-041\* HP StorageWorks Modular Smart Array 1500 cs Anleitung Migrieren auf aktiv/aktiv-Controller in HP-UX Umgebungen  
 Teilenummer: 400677-041



- IP65/IP55 OUTDOOR CABINET
- OUTDOOR MODULE CABINET
- OUTDOOR 5G BASE STATION CABINET
- WATERPROOF



## HP StorageWorks Modular Smart Array 1000 Controller ...

HP StorageWorks Modular Smart Array 1000 Controller. Note: Documentation titled HP StorageWorks Modular SAN Array 1000 or HP StorageWorks Modular Printed in the U.S.A. MSA1000 Controller User Guide First Edition (September 2003) Part Number: 347281-001. MSA1000 Controller User Guide 3

## SCO Operating System support of hp StorageWorks ...

1. HP StorageWorks Modular Smart Array 1500 cs (P/N: AA986A) Firmware Version: 4.96b
2. HP StorageWorks Modular Smart Array 1000 (P/N: 201723-B22) Firmware Version: 4.94
3. HP StorageWorks Modular Smart Array 20 (P/N: 335921-B21) Firmware Version: 1.28
4. HP

StorageWorks Modular Smart Array 30 (P/N: 302969-B21) Firmware Version: CP20 1.



## HP StorageWorks Modular Smart Array 1000 Controller ...

hp StorageWorks Modular Smart Array 1000 Controller Second Edition (May 2004) Part Number: 347281-002 This guide provides information needed to use, replace components, and maintain the HP StorageWorks Modular Smart Array 1000 Controller (MSA1000 Controller.)

**hp StorageWorks Modular Smart Array 1000/1500 cs Command Line Interface Second Edition (May 2004) Part Number: 347282-002 This guide details the Command Line Interface (CLI), which is used to configure and manage the storage on the Modular Smart Array 1000 (MSA1000) and the Modular Smart Array 1500 Controller Shelf (MSA1500 cs). Note:**





## HP StorageWorks Modular Storage Array 1500 cs ...

o HP StorageWorks Modular Smart Array1500 cs configuration overview poster  
 o HP StorageWorks Modular Smart Array 1500 cs Installation Guide (September 2005 or later)  
 o HP StorageWorks Modular Smart Array1000/1500 cs Command Line Interface User Guide (September 2005 or later)  
 o HP StorageWorks Modular Smart Array1000/1500 cs Firmware

## hp StorageWorks Modular Smart Array 1000 (MSA1000)

hp StorageWorks Modular Smart Array 1000 (MSA1000) Cinquième édition (septembre 2003)  
 Référence : 254092-055 Ce document décrit les procédures d'installation du MSA1000 et est conçu pour être utilisé en parallèle avec le poster Présentation de la configuration du HP StorageWorks MSA1000,



## HP StorageWorks Modular Smart Array 1500

HP StorageWorks Modular Smart Array 1500  
 Versión del producto: Firmware de controlador 5.xx o superior, con soporte técnico activo-pasivo  
 Guía de usuario de la interfaz de línea de comandos de HP StorageWorks Modular Smart Array 1000/1500

### ???????? (MSA?????)

Modular Smart Array 20?Modular Smart Array 30?Modular Smart Array 500?HP StorageWorks MSA 1000????????????????  
 ?????????????????(????????????????????) HP

StorageWorks MSA 1000????????????????????



## HP StorageWorks 1000/1500 Modular Smart Array ...

o HP StorageWorks 1500 Modular Smart Array maintenance and service guide  
o MSA1000 compatibility guide  
o HP StorageWorks Modular Smart Array 1000 installation and configuration overview (printed poster)  
o HP StorageWorks 1000 Modular Smart Array installation guide  
o HP StorageWorks 1000 Modular Smart Array maintenance and service

## HP StorageWorks Modular Smart Array 1500 cs application ...

For detailed information about the CLI, see the HP StorageWorks Modular Smart Array 1000/1500 cs Command Line Interface User Guide. F 6 Restart all servers attached to the MSA SAN fabric, including the HP-UX management server. F. Migrating to active/active controllers in HP-UX environments 7



## HP StorageWorks Modular Smart Array controller, cache, ...

?????HP StorageWorks Modular Smart Array

(MSA) 1000? Printed in the US. \*383078-191\*  
383078-191 ?????? ??????HP StorageWorks  
Modular Smart Array (MSA) 1000?



## HP StorageWorks 1000 Modular Smart Array installation ...

HP StorageWorks 1000 Modular Smart Array installation and configuration overview Items in basic configurations MSA1000 Chassis serial number \_\_\_\_ Controller WWNN \_\_\_\_ Printed in the US. Shipping contents The following items are shipped with the MSA1000: 1 ...



## HP StorageWorks Modular Smart Array 1000 CLI Reference ...

hp StorageWorks Modular Smart Array 1000 (MSA1000) Command Line Interface First Edition (September 2003) Part Number: 347282-001 Printed in the U.S.A. MSA1000 Command Line Interface Reference Guide First Edition (September 2003) Part Number: 347282-001.

## HP StorageWorks Modular Smart Array 1500 CS

HP StorageWorks Modular Smart Array 1500 CS  
1. Ausgabe (Mai 2004) Teilenummer:  
355901-041 In diesem Dokument wird die  
Vorgehensweise zur Installation Ihres Modular

Smart Array 1500 Controller Shelf (MSA1500 CS) und der angeschlossenen Speichereinheiten erläutert. Dieses Handbuch ergänzt das Poster mit der Konfigurationsübersicht für das



**Lithium Solar Generator: \$150**



**hp StorageWorks Modular Smart Array 1500 cs**

hp StorageWorks Modular Smart Array 1500 cs First Edition (April 2004) Part Number: 356606-001 This guide provides procedures and diagnostics needed for the maintenance and troubleshooting of the Modular Smart Array 1500 Controller Shelf (MSA1500 cs).

**HP StorageWorks Modular Smart Array 1000/1500 CS Befehlszeilenoberfläche Zweite Ausgabe (Mai 2004) Teilenummer: 347282-042 In diesem Handbuch wird die Befehlszeilenoberfläche (Command Line Interface, CLI) erläutert, die zum Konfigurieren und zum Management des Speichers im Modular Smart Array 1000**



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