新しい IBM System Storage TS2250、TS2260、TS2350、および TS2360 の高密度 SAS ケーブルのフィーチャー - AAS

レターの一部は、英語で記載されています。

ハイライト

IBM® TS2250 LTO™ Ultrium™ 5、TS2260 Ultrium 6、TS2350 LTO Ultrium 5、および TS2360 Ultrium 6 は、TS2250、TS2260、TS2350、および TS2360 の各モデル上の高密度 (HD) 機能をサポートする新しい SAS ケーブルのリリースにより、IBM Systems 上の HD 機能の最新リリースをサポートします。Mini-SAS/HD SAS ケーブルまたは Mini-SAS/HD SAS Y ケーブルを使用したいずれかの Ultrium システムの接続では、現行の Mini-SAS/Mini-SAS ケーブルでサポートされているすべてのシステム機能、ならびにすべての HD パフォーマンスの機能拡張をサポートします。

製品の概要

IBM Storage Technology Group は、新しい高密度 SAS ケーブルを提供し、HD 機能を備えた IBM POWER7 Systems™ への 3580 LTO Ultrium テープ・ドライブの一部モデルの接続をサポートします。

以下の新しい IBM System Storage® のハードウェア機構は、IBM System Storage TS2250 (マシン・タイプ 3580) Tape Drive Express® Model H5S、IBM System Storage TS2260 (マシン・タイプ 3580) Tape Drive Express Model H6S、IBM System Storage TS2350 (マシン・タイプ 3580) Tape Drive Express Model S53、および IBM System Storage TS2360 (マシン・タイプ 3580) Tape Drive Express Model S63 で使用可能です。

- HD SAS/Mini-SAS ケーブル。単一の 3580 Tape Drive を、HD アプリケーションを搭載した IBM System に接続します。
- Y SAS HD/Mini-SAS ケーブル。最大 2 個の 3580 Tape Drive を、HD アプリケーションを搭載した IBM System に接続します。

この HD 機能は、Mini-SAS で提供される 3 Gbps と比較して、6 Gbps の連続データ転送速度という、より高いパフォーマンスを提供します。

マシン・タイプ 3580 の外部スタンドアローン・ユニットまたはラック・マウント可能ユニットは、ミッドレンジ・システム環境におけるテープの保管と取り出しのための大容量、パフォーマンス、信頼性を提供するよう設計されています。

主要前提条件
HD SAS/Mini-SAS ケーブルまたは Y SAS HD/Mini-SAS ケーブルを使用する TS2250 モデル H5S、TS2260 モデル H6S、TS2350 モデル S53、または TS2360 モデル S63 の接続では、現在の Mini-SAS/Mini-SAS ケーブルでサポートされているすべてのシステム機能のほか、接続先の IBM System で使用可能な HD 機能がサポートされます。POWER7® System には、HD ホスト・バス・アダプター（HBA）が取り付けられている必要があります。

Planned availability date

November 22, 2013

Description

The new HD SAS cables from IBM Storage Technology Group support attachment of some 3580 LTO Ultrium Tape Drive models to IBM POWER7 Systems with HD capabilities. A SAS cable is required to attach one of the following tape drives to a host SAS adapter. At least one SAS cable must be specified on the initial plant order.

- IBM System Storage TS2250 Tape drive Express Model H5S
- IBM System Storage TS2250 Tape drive Express Model S53
- IBM System Storage TS2350 Tape Drive Express Model H6S
- IBM System Storage TS2350 Tape Drive Express Model S63

The following cable options are available for HD SAS attachment:

- Feature number 5507 HD SAS to Mini-SAS cable for attachment of a single 3580 Tape Drive to an IBM System with HD applications (from HD HBA with SFF-8088 to drive with SFF-8088)
- Feature number 5509 Y SAS HD to Mini-SAS cable for attachment of up to two 3580 Tape Drives to IBM Systems with HD applications (from HD HBA with SFF-8088 to drive with SFF-8088)

The HD function offers higher performance through a 6 Gbps sustained data rate as compared to 3 Gbps with Mini-SAS.

A POWER7 System must install a HD HBA in order to provide high-density function.

Product number

<table>
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<th>Description</th>
<th>Machine type</th>
<th>Model</th>
<th>Feature</th>
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<td>Y SAS HD to Mini-SAS Cable</td>
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<td>S53, S63</td>
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Publications

Publications for the IBM TS2250, IBM TS2350, IBM TS2260, and IBM TS2360 provide guidance to customers on the correct SAS external cable to use. Updated versions of existing publications are available at


Select the country and then enter the machine type number.
Services

Global Technology Services®

IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

These services help you learn about, plan, install, manage, or optimize your IT infrastructure to be an On Demand Business. They can help you integrate your high-speed networks, storage systems, application servers, wireless protocols, and an array of platforms, middleware, and communications software for IBM and many non-IBM offerings. IBM is your one-stop shop for IT support needs.

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http://www.ibm.com/services/

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or visit

http://www.ibm.com/services/continuity

For details on education offerings related to specific products, visit


Select your country, and then select the product as the category.

Technical information

Specified operating environment

Hardware requirements

Cables: A SAS external cable is required to attach an IBM TS2250, IBM TS2350, IBM TS2260, or IBM TS2360 tape drive to a host system SAS adapter.

The following SAS external cable options are available for systems with HD applications:

• Feature number 5507 HD SAS to Mini-SAS cable for attachment of a single 3580 Tape Drive to an IBM System with HD applications (from HD HBA with SFF-8088 to drive with SFF-8088)
• Feature number 5509 Y SAS HD to Mini-SAS cable for attachment of up to two 3580 Tape Drives to IBM Systems with HD applications (from HD HBA with SFF-8088 to drive with SFF-8088)

Refer to the Special features section of the TS2250, TS2360, TS2260, or TS2360 (3580) tape drive Sales Manual for detailed descriptions of these features.

Planning information

You are responsible for downloading or obtaining from IBM, and installing designated Machine Code (microcode, basic input/output system code (called BIOS), utility programs, device drivers, and diagnostics delivered with an IBM machine) and other software updates in a timely manner from an IBM Internet website or from other electronic media, and following the instructions that IBM provides. You may request IBM to install Machine Code changes; however, you may be charged for that service.
Cable orders

Cables: A SAS external cable is required to attach an IBM TS2250, IBM TS2350, IBM TS2260, or IBM TS2360 tape drive to a host system SAS adapter.

- Feature number 5507 HD SAS to Mini-SAS cable for attachment of a single 3580 Tape Drive to an IBM System with HD applications (from HD HBA with SFF-8088 to drive with SFF-8088)
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Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

IBM Electronic Services

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company’s strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

Now integrated into the base operating system of AIX® 5.3, AIX 6.1, and AIX 7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Service Agent web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type “smitty esa_main”, and select "Configure Electronic Service Agent .” In addition, ESA now includes a powerful Web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to

http://www.ibm.com/support/electronic

The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

Benefits

Increased uptime: The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the “symptoms,” diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

Security: The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool securely
transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer’s system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM. The customer’s business applications or business data is never transmitted to IBM.

More accurate reporting: Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

Customized support: Using the IBM ID entered during activation, customers can view system and support information in the "My Systems" and "Premium Search" sections of the Electronic Support Web site at

http://www.ibm.com/support/electronic

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with the customer’s IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledge base. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

http://www.ibm.com/support/electronic

契約条件

適用可能な MES 割引
ポリューム・コミットメント割引と同じ

お客様サイトで取り付け可能なフィーチャー
あり

保証期間
1年間

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カスタマー・セットアップ
あり

マシン・コード
基本マシンと同じ使用許諾条件
オプション・フィーチャーの保証期間

オプション・フィーチャー

IBM マシンの初期の取り付けで取り付けられた IBM 部品またはフィーチャーは、マシンの取り付け日に発効する完全保証の対象となります。以前に取り付けられていた部品またはフィーチャーを新しい IBM 部品またはフィーチャーと交換する場合、新しく交換された部品またはフィーチャーは残りの保証期間を引き継ぎます。以前に取り付けられた部品またはフィーチャーを交換しないで IBM 部品またはフィーチャーをマシンに追加した場合、その取り付け日に発効する完全保証の対象となります。特に明記されていない限り、保証期間、保証サービスのタイプ、および部品またはフィーチャーのサービス・レベルは、それが取り付けられているマシンと同じです。

Prices

For all local charges, contact your IBM representative.

AP distribution

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* Brunei Darussalam, Indonesia, Cambodia, Lao People’s Democratic Republic, Malaysia, Philippines, Singapore, Thailand, and Vietnam
** Bangladesh, Bhutan, India, Sri Lanka, Maldives, Nepal, and Afghanistan

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