IBM 7226 Model 1U3 Multimedia Enclosure が新しいフィーチャーと機能を提供

レターの一部は、英語で記載されています。

ハイライト

ハーフハイトの Linear Tape-Open™ Ultrium™ 5（HHLTO5）または Ultrium 6（HHLTO6）SAS テープ・ドライブのフィーチャーを搭載した IBM® 7226 は、高密度（HD）ホスト・バス・アダプター（HBA）が取り付けられた IBM POWER® 7 Systems 上の HD 機能をサポートします。次のようや、HD SAS 外部ケーブルを IBM 7226 で使用できます。

・ すべての SAS ドライブ・デバイスを接続するための Mini-SAS/Mini-SAS ケーブル
・ 単一の HHLTO5 または HHLTO6 SAS テープ・ドライブ・フィーチャーを、HD 機能を搭載した IBM System に接続するための HD-SAS/Mini-SAS ケーブル
・ 最大 2 個の HHLTO5 または HHLTO6 SAS テープ・ドライブ・フィーチャーを、高密度機能を搭載した IBM System に接続するための Y SAS HD/Mini-SAS ケーブル

HD SAS/Mini-SAS ケーブルまたは Y SAS HD Mini-SAS ケーブルは、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のほか、すべての HD 機能をサポートします。

製品の概要

以下の新しい IBM System Storage® ハードウェア・フィーチャーを、IBM 7226 モデル 1U3 マルチメディア・エンクロージャーで使用できます。

新規フィーチャー

・ HD SAS/Mini-SAS 外部ケーブル
・ Mini-SAS/Mini-SAS 外部ケーブル
・ Y SAS HD/Mini-SAS 外部ケーブル
・ 1 個のドライブを搭載した DVD-RAM USB 前面ポート・スレッド

HD（HD-SAS）機能は、Mini-SAS の 3 Gbps と比較して、6 Gbps の連続データ転送速度により、さらに高いパフォーマンスを提供します。

更新された既存のフィーチャー

・ HHLTO5 SAS Tape Drive（SAS 外部ケーブル・オプションを指定する必要があります）
・ HHLTO6 SAS Tape Drive（SAS 外部ケーブル・オプションを指定する必要があります）
IBM 7226 で使用可能な HHLTO5 および HHLTO6 SAS フィーチャーは、システム上の固有の HBA と HD 外部 SAS ケーブルを通じて IBM POWER Systems 上の HD 機能としても使用することもできます。

ドライブの前面ペゼルに USB ポートがある IBM 7226 DVD-RAM USB スレッド/ドライブ・フィーチャーは、USB ポートに頻繁にアクセスする必要がある IBM PureFlex™ システム・アプリケーション用に使用できます。

主要前提条件

SAS 外部ケーブル

- HD SAS/Mini-SAS ケーブルまたは Y SAS HD Mini-SAS ケーブルを使用した HHLTO5 および HHLTO6 SAS テープ・ドライプへの IBM 7226 モデル 1U3 マルチメディア・エンクロージャーの接続では、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 POWER7® System で使用可能な HD 機能がサポートされます。
- 高密度機能を実行するために、接続先のシステムで、IBM 7226 上の HHLTO5 および HHLTO6 SAS テープ・ドライプ・フィーチャーの接続に HD HBA を使用できる必要があります。
- 各システム・アプリケーションに必要な外部 SAS ケーブルを、HHLTO5 または HHLTO6 SAS Tape Drive フィーチャーを含むそれぞれの IBM 7226 の発注で指定する必要があります。

Planned availability date

- November 22, 2013: Features 5507, 5508, 5509, 8241, 8341, 9849, and 9850
- November 8, 2013: Features EFDE, EFDF, EFDH, EFD0, 4651, and 5763

Description

New IBM System Storage hardware features are available for select tape machines for greater configuration flexibility to meet storage needs.

DVD-RAM USB front port sled with one drive (#5763)

This sled and drive feature allows the installation of one slim-height DVD-RAM optical drive in a single bay of the 7226 Storage Enclosure. Included in this feature is one DVD-RAM optical drive, a DVD-RAM test disk, a half-high drive latch, two slim latches, a slim blank, a drive sled with USB converter card, a USB interface assembly, and an external USB cable. A USB cable port is located on the front bezel for IBM PureFlex system applications that require frequent access to USB drive hardware. The DVD-RAM slim optical drive can read and write on 4.7 GB and 9.4 GB DVD-RAM media. The DVD-RAM uses only bare media and is also read compatible with multisession CD, CD-RW, CD recordable, and 2.6 GB and 5.2 GB DVD-RAM media.

Half-High LTO™ Ultrium 5 SAS Tape Drive (#8241)

The HHLTO5 SAS drive feature is a high-performance SAS tape drive with a native capacity of up to 1.5 TB (3.0 TB with 2:1 compression). The LTO Ultrium 5 drive offers a data rate of up to 280 MB/second with compression, and supports high density function available on POWER7 systems. HHLTO5 provides read-write compatibility with Ultrium 5 and Ultrium 4 media formats, and read-only compatibility with Ultrium 3 media formats. The HHLTO5 SAS tape drive feature in 7226 includes a test cartridge, a cleaning cartridge, a half-high drive latch, a SAS interface assembly, and an external SAS cable (as specified). Data encryption and a IBM Linear Tape File System™ software application are available on the HHLTO5 SAS tape drive.

Half-High LTO Ultrium 6 SAS Tape Drive (#8341)

The HHLTO6 SAS drive feature is a high-performance SAS tape drive with a native capacity of up to 2.5 TB (6.25 TB with 2.5:1 compression). The LTO Ultrium 6 drive
offers a data rate of up to 320 MB/second with compression, and supports high density
function available on POWER7 systems. HLTO6 also provides read-write compatibility
with Ultrium 6 and Ultrium 5 media formats, and read-only compatibility with Ultrium
4 media formats. The HLTO6 SAS tape drive feature in 7226 includes a test cartridge,
a cleaning cartridge, a half-high drive latch, a SAS interface assembly, and an
external SAS cable (as specified). Data encryption and an IBM Linear Tape File System
software application are available on the HLTO6 SAS tape drive.

HD-SAS to Mini-SAS Cable (#5507)
This SAS external cable provides a sustained data rate of up to 6 Gbps. One no-charge
SAS external cable (no-charge cable options are feature numbers 9849 - Mini-SAS to
Mini-SAS cable - or 9850 - HD SAS to Mini-SAS cable) will be included with every
7226 Storage Enclosure SAS tape drive or DVD-RAM SATA/SAS sled as specified. Feature
number 5507 may also be ordered where an optional or second SAS cable is needed.

Mini-SAS to Mini-SAS Cable (#5508)
This SAS external cable provides a sustained data rate of up to 3 Gbps. One no-charge
SAS external cable (no-charge cable options are feature numbers 9849 - Mini-SAS to
Mini-SAS cable - or 9850 - HD SAS to Mini-SAS cable) will be included with every
7226 Storage Enclosure SAS tape drive or DVD-RAM SATA/SAS sled as specified. Feature
number 5508 may also be ordered where an optional or second SAS cable is needed.

Y SAS HD to Mini-SAS Cable (#5509)
One SAS external cable will be included with every 7226 Storage Enclosure SAS tape
drive or DVD-RAM SATA/SAS sled. The feature number 5509 cable option allows two 7226
SAS drive features to be attached to one port on a POWER system HBA.

Accessibility by people with disabilities
A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details
on accessibility compliance can be requested at


Product number

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<td>DVD-RAM USB Front Port Sled w/1 Drive</td>
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### Publications

The following publications are shipped with the product. Additional copies will be available after planned availability.

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A CD containing multiple language translations.

- 7226 Model 1U3 Multi-Media Enclosure Setup, Operator and Service Guide (English)
- 7226 Safety Information
- 7226 Warranty Information

### 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.

For details on available services, contact your IBM representative or visit [http://www.ibm.com/services/](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](http://www.ibm.com/services/continuity)


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

### Technical information

**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**

A SAS external cable (feature number 9849 or 9850) must be specified on all IBM 7226 orders. Orders that include the HHLOT5 or HHLOT6 SAS tape drives using POWER7 system
HD function must specify feature number 9850 in order to have HD function. SAS cable options are:

No charge SAS external cable features:

- Feature number 9849 — Mini-SAS to Mini-SAS Cable for attaching all 7226 SAS drive options. Sustained data rate of up to 3 Gbps.
- Feature number 9850 — HD SAS to Mini-SAS Cable for attaching a single HHLTO5 or HHLTO6 SAS Tape Drive feature to an IBM System with high-density function. HD sustained data rate of up to 6 Gbps.

Chargeable SAS external cable features:

- Feature number 5508 — Mini-SAS to Mini-SAS Cable for attaching all 7226 SAS drive options. Sustained data rate of up to 3 Gbps.
- Feature number 5507 — HD SAS to Mini-SAS Cable for attaching a single HHLTO5 or HHLTO6 SAS Tape Drive feature to an IBM System with HD function. HD sustained data rate of up to 6 Gbps.
- Feature number 5509 — Y SAS HD to Mini-SAS Cable for attaching up to two HHLTO5 or HHLTO6 SAS Tape Drive features to an IBM System with HD function. HD sustained data rate of up to 6 Gbps.

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 Support 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
ボリューム・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

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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
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