IBM® System Storage® TS2230, TS2240, TS2340, and 3580 LTO Ultrium Tape Drive
Supported Servers "Interoperability" Matrix

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IBM System Storage TS2230, TS2240, TS2340, and 3580 LTO Ultrium Tape Drive

The IBM System Storage TS2230, TS2240, TS2340, and 3580 LTO Ultrium Tape Drive is supported in the environments shown below. The sales representative and/or the customer are responsible for insuring that the specific host system configuration used (i.e. server model, operating system level and host adapter combination) is a valid and supported configuration.

For the latest firmware and device drivers use the links on the left or at the bottom of this document.

Supported Servers

Hewlett-Packard Servers
IBM System i and i5, eServer™ iSeries™ and AS/400®
IBM System p and p5, eServer pSeries™ and RS/6000®
IBM System x and Intel™ Based Servers
AMD Opteron Systems
Hewlett-Packard Servers
SUN Servers
Network Attached Storage

IBM System i and i5, eServer iSeries, and AS/400 Servers

SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X (TS2340); LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; LTO Ultrium 3 HH LVD 3580 Model H3L, L3E (TS2230); LTO Ultrium 2 & 1 HVD 3580 Models Hxx		
Servers	**Operating Systems**	**Host Adapters**
IBM System i Servers	**OS/400** V5R1, V5R2 [3] **i5/OS** V5R3[4] or later	[SSIC Link](#)
Linux Servers	**Red Hat Enterprise Linux 4;** **SUSE Linux Enterprise Server 9 (i5 only)**	[SSIC Link](#)
Notes		
1. Requires V5R2 or later for Ultrium 3 L3x models 2. For D-mode IPL, the device SCSI address must be set to "0"		

3. 3580 L33/L3H and H3L (Ultrium 3) supported, requires V5R2 or later; No HVD support for Ultrium 3
4. Ultrium 4 SCSI Drives supported on **i5/OS** V5R3 or later, **Red Hat Enterprise Linux 4 (i5 only), SUSE Linux Enterprise Server 9 (i5 only)**

IBM System p and p5, eServer pSeries, and RS/6000 Servers

SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X (TS2340); LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; LTO Ultrium 3 HH LVD 3580 Model H3L, L3E (TS2230); LTO Ultrium 2 & 1 HVD 3580 Models Hxx		
Servers	**Operating Systems**	**Host Adapters**
IBM System p Servers; IBM System p5: **9111-520,** **9112-265** **9113-550** **9114-275,** **9115-505,** **9116-561,** **9117-570** **9124-720** **9131-52A**	**AIX 5L** version 5.1, 5.2, 5.3 or later[5] for Power-based servers details	SSIC Link
IBM System p (Linux) Servers; IBM System p5: **9111-520,** **9112-265** **9113-550** **9114-275,** **9115-505,** **9116-561,** **9117-570** **9124-720** **9131-52A**	**Red Hat Enterprise Linux 3** details, **Red Hat Enterprise Linux 4**[5] details; **SUSE Linux Enterprise Server 8** details**,** **SUSE Linux Enterprise Server 9**[5] **and 10**[5] details; **Asianux 2.0**[5] details	SSIC Link
Notes		

1. Integrated LVD adapter with AIX 4.3.3 or higher on 7044 models 170 & 270, pSeries 620 (7025-6F1) & (7025-6F0), 7025 model F80, pSeries 640 (7026-B80), pSeries 660 (7026-6H1) & (7026-6H0) & (7026-6M1), 7026 models H80 & M80. For **6203 & 6204**, pSeries 670 (7040-671) through I/O drawer (7040-61D), pSeries 690 (7040-681) through I/O drawer (7040-61D), 9112-265.
2. Integrated Ultra 3 SCSI LVD adapter with AIX 4.3.3 or higher on pSeries 610 (7028-6C1) & (7028-6E1), 9112-265.
3. Certain restrictions may apply. See the details above for your operating system

4. 3580 L33/L3H and H3L (Ultrium 3) supported; No HVD support for Ultrium 3
5. Ultrium 4 SCSI Drives supported on **AIX 5L** version 5.1, 5.2, 5.3 or later**, Red Hat Linux 4, SUSE Linux Enterprise Server 9 and 10, Asianux 2.0, Windows Server 2003 build 3790 or later**

IBM System x and Intel Based Servers

SAS: LTO Ultrium 4 SAS 3580 Models S43, S4X (TS2340), H3S, S3E (TS2230), H4S, S4E (TS2240)		
Servers	**Operating Systems [1]**	**Host Adapters**
Linux Servers	**Red Hat Linux 4[2]** details **SUSE Linux Enterprise Server 9[2] and 10[2]** details **Asianux 2.0[2]** details **Other versions** details	SSIC Link
Microsoft™ Windows™ Servers	**Windows Server 2003[2]** details Build 3790 or later **Windows 2003 SP1[2]** **Windows 2003 R2[2]**	SSIC Link
Notes		
1. Certain restrictions may apply. See the details above for your operating system 2. Ultrium 4 SAS Drives supported on **Red Hat Linux 4, SUSE Linux Enterprise Server 9 and 10, Asianux 2.0, Windows Server 2003 build 3790 or later**		
SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X (TS2340); LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; LTO Ultrium 3 HH LVD 3580 Model H3L, L3E (TS2230); LTO Ultrium 2 & 1 HVD 3580 Models Hxx		
Servers	**Operating Systems [1]**	**Host Adapters**
Linux Servers	**Red Hat Advanced Server Enterprise Linux 3** details **Red Hat Enterprise Linux 4[4]** details **SUSE Linux Enterprise Server 8** details **SUSE Linux Enterprise Server 9[4] and 10[4]** details **Asianux 2.0[4]** details	SSIC Link

	Other versions details	

Microsoft™ Windows™ Servers	**Windows Server 2003**[2, 4] details
	    Build 3790 or later
	
	Windows 2000 Server[2] details
	    Build 2195 or later
	
	Windows NT™ Server 4[3] details
	    SP 6 or later (Ultrium 1 only)
		SSIC Link

Notes
1. Certain restrictions may apply. See the details above for your operating system 2. 3580 L33/L3H and H3L (Ultrium 3 HH) supported; No HVD support for Ultrium 3 3. Ultrium 1 supported 4. Ultrium 4 SCSI drives supported on **Red Hat Linux 4, SUSE Linux Enterprise Server 9 and 10, Asianux 2.0, Windows Server 2003 build 3790 or later**

AMD OPTERON Systems

SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X (TS2340); LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; **LTO Ultrium 3 HH LVD 3580 Model H3L, L3E (TS2230); LTO Ultrium 2 & 1 HVD 3580 Models Hxx**		
Servers	**Operating Systems** [1]	**Host Adapters**
Linux Servers	**Red Hat Enterprise Linux 4**[3] details **SUSE Linux Enterprise Server 9**[3] **and 10**[3] details **Asianux 2.0**[3] details **Other versions** details	SSIC Link
Microsoft™ Windows™ Servers	**Windows Server 2003**[3] details Build 3790 or later	SSIC Link
Notes		

1. Certain restrictions may apply. See the details above for your operating system
2. 3580 L33/L3H and H3L (Ultrium 3) supported; No HVD support for Ultrium 3
3. Ultrium 4 SCSI drives supported on **Red Hat Linux 4, SUSE Linux Enterprise Server 9 and 10, Asianux 2.0, Windows Server 2003 build 3790 or later**

Hewlett-Packard Servers

SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X (TS2340); LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; LTO Ultrium 3 HH LVD 3580 Model H3L, L3E (TS2230); LTO Ultrium 2 & 1 HVD 3580 Models Hxx		
Servers	**Operating Systems**	**Host Adapters**
HP A, L, N, V Class or rp2xxx, rp54xx, rp74xx, rp84xx series **HP**[4] rx1600, 1620 rx2600, 2620 rx4640, 5670	**HP-UX 11.0, 11.11, 11.23PI** **HP-UX 11iv1[6], 11i v2[6]**	SSIC Link
Notes		

1. For details and guidelines, please see the readme file for your operating system
2. 3580 L33/L3H and H3L (Ultrium 3) supported; No HVD support for Ultrium 3
3. Requires Patch 30511 for HP 11i or Patch 30509 for HP 11.0
4. Itanium 2 servers
5. HP-UX 11i: driver level: scsiU320-00 B.11.11.02; HP-UX 11i v2 (PA-RISC): driver level: scsiU320-00 B.11.23.02; HP-UX 11i v2 (Itanium 2): driver level: scsiU320-00 B.11.23.02
6. Ultrium 4 SCSI drives supported on **HP-UX 11iv1, 11i v2**

SUN Servers

SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X (TS2340); LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; LTO Ultrium 3 HH LVD 3580 Model H3L, L3E (TS2230); LTO Ultrium 2 & 1 HVD 3580 Models Hxx		
Servers	**Operating Systems**	**Host Adapters**

SUN SPARC, UltraSPARC or Ultra/Enterprise Servers	Solaris 8^3, 9^3 and 10^3 details	SSIC Link
Notes		
1. Certain restrictions may apply. See the details above for your operating system 2. 3580 L33/L3H and H3L (Ultrium 3) supported; No HVD support for Ultrium 3 3. Ultrium 4 SCSI drives supported on **Solaris** 8, 9 and 10		

Network Attached Storage

SCSI: LTO Ultrium 4 LVD 3580 Models L43, L4X; LTO Ultrium 3, 2 & 1 LVD 3580 Models Lxx; LTO Ultrium 3 HH LVD 3580 Model H3L, L3E; LTO Ultrium 2 & 1 HVD 3580 Models Hxx		
Servers	**Operating Systems**	**Host Adapters**
IBM System Storage N5200 and N5500[1][2][3]	**Data ONTAP™**	**Integrated LVD SCSI port** [4]
NAS Gateway 500	**NAS Gateway 500 System Software**	**Onboard LVD SCSI interface**
Notes		
1. Data ONTAP version 7.1H2 must be installed for tape support. 2. For LTO2, fix IBM_LTO2_ULT3580.TCF is required. 3. For LTO3, fix IBM_LTO3_ULT3580.TCF is required. 4. For details of IBM tape support for the IBM System Storage N5200 and N5000, see the **[IBM System Storage N3700, N5200 and N5500 Interoperability Matrix](link)**		

Related Links

IBM 3580 Ultrium Tape Drive
>   Home Page
>   Technical Support
>   Device Drivers
>   Firmware
>   Publications

Independent Software Vendor (ISV) Matrix
SSIC Link
Fibre Channel HBA Search Tool
Fibre Channel Switches

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