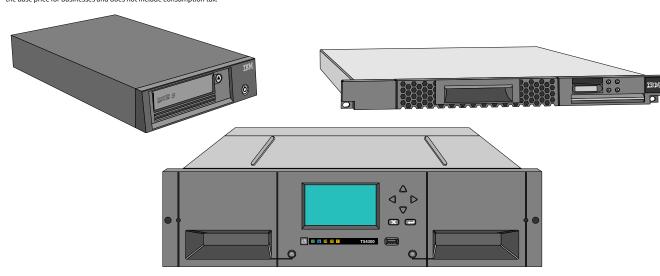


LenovoTape Device Configuration Guide

System Guide

October 7. 2 0 2 5 edition

● The options, support status and prices listed in this catalog are current as of October 7, 2 0 2 5, and are subject to change without prior notice. The displayed price is the base price for businesses and does not include consumption tax.



Change information

- We have responded to the announcement of price revisions (price increases) for server and software products (PPR25P02). - The following models have been grayed out as sales activities have ended.

(6160S7E) IBM TS2270 Tape Drive Model (6160) (6171S7R) IBM TS2900 Tape Autoloader (LTO7) (6171)

- The IBMTS4300 for Lenovo Tape Library Configuration Guide has been updated to include a 4 8 U compatible product number instead of a 2 1 U.

(Before change) 6 7 4 1 A1F → (After change) 6 7 4 1 B1F (Before change) 6 7 4 1 A3F → (After change) 6 7 4 1 B3F (Before change) 0 1 KP930 → (After change) 0 2 JH840

- Updated the "SystemStorageInteroperationCenter (SSIC) Simple Support Checklist." - Revised the price of LenovoServices for TS2270 (6160S7E).

Foundation 3 -year 2 4 x7 (01EG300) (Old price) 2 2 7 ,500 yen \rightarrow (New price) 2 7 8 ,000 yen Foundation 4 - year 2 4 x7 (01EG302) (Old price) 4 6 3 ,300 yen \rightarrow (New price) 5 6 5 ,000 yen Foundation 5 -year 2 4 x7 (01EG304) (Old price) 6 9 9 ,100 yen \rightarrow (New price) 8 5 2 ,000 yen Foundation 1 -year continuous 2 4 x7 (00WX470) (Old price) 1 9 4 ,600 yen \rightarrow (New price) 2 9 3 ,000 yen - The description for the TS4300 has been corrected.

(Before change) Libraries with serial numbers 7 8 0 0 CC4 or earlier... (After change) Libraries with serial numbers 7 8 0 0 K0K or earlier... - Price revisions have been reflected for Lenovo Services for TS2290/TS2900 (LTO9). - TS2290 (6160S9E), TS2900 (LTO9) (6171S9R), and TS4300 LTO9 drives have been added. - Discontinued products have been deleted.

- "■IBM System Storage Interoperation Center (SSIC) Support Verification Guide" and
- "■SystemStorageInteroperationCenter (SSIC) Simple Support Checklist" has been updated. Some Lenovo Services price changes (SVP20015) have been addressed.
- The "Service Options" page has been corrected. The maximum number of cartridges that can be stored in the TS4300 has been corrected from 3 2 to 4 0. Note: For libraries with serial numbers earlier than 7 8 0 0 CC4, if there is only one unit or if there are multiple units,

The bottom of the configuration can have a maximum of 3 2 cables, and a maximum of 2 7 2 cables with 7 units. - The following statement has been added to the TS4300 Fibre Channel (FC) connection: "Connect to the FCHBA via a SAN switch." - The power cable option (46M2593) 1 2 A/ 1 2 5 VC13 to JISC-8303 2 .8m line cord has been added.

 The following products are temporarily available in limited supply (grayed out). (01KP956) Ultrium 8 Data Cartridge (1 roll) (01KP955)
 Ultrium 8 Data Cartridge (5-pack) (23K3429) LTO 8 Data Cartridge (5-pack) (other company's product)



IBM TS2270/TS2280/TS2290Configuration Guide

Product Specifications												
		TS2270 Tape Drive	TS2280 Tape Drive	TS2290 Tape Drive								
Product name												
Product Number		6 1 6 0 S7E	6 1 6 0 S8E	6 1 6 0 S9E								
Suggested retail price (excluding tax)		8 3 6,700 yen	1 ,650,000 yen									
Interface		6 Gbps SAS	S (SFF-8088)	1 2 Gbps SAS (SFF-8644)								
Tape Drive Type		LTO Ultrium 7	LTO Ultrium 8	LTO Ultrium 9								
Data Cartridge		LTO-5 (Read only) / LTO-6 / LTO-7	LTO-7/LTO-8	LTO-8/LTO-9								
Number of Drives		1										
Number of cartridges stored	d		1									
physical capacity		6 TB (uncompressed) / 1 S TB (2.5:1 compressed)	6 TB (uncompressed) / 1 5 TB (2.5:1 compressed) 1 2 TB (uncompressed) / 3 0 TB (2.5:1 compressed)									
Maximum data transfer rate (un	compressed/compressed)	3 0 0 MBps / 7 5 0 MBps	3 0 0 MBps / 7 5 0 MBps	3 0 0 MBps / 7 5 0 MBps								
mass		4.3kg										
Dimensions (WxDxH)		2 1 3 mm x 3 3 2 mm x 5 8 mm										
Environmental Response		RoHS compliant										
Rack Mount Kit			option									
Line Current			o .48A(100Vac)/ o .20A(240Vac)									
Power consumption			4 8 W									
power cable			option									
What's in the box		Cleaning cartridge (un	iversal) * Data cartridge not included									
service			Setup Support 9 0 • 1									
guarantee	Domestic repairs	3 -year parts/ 3 -yea	ar next business day on-site repair and warranty service (9 hour	s x 5 days/CRU)								
Overseas repairs			none									

^{* 1} This is a service that answers technical inquiries regarding installation for three months from the warranty start date. For details, please refer to the following URL: http://www.lenovoip.com/business/support/server/ss90mail.html



■ About downloading the latest firmware

For the latest firmware downloads, please refer to the following URL: Lenovo Data Center Support - Storage - Tape and Backup

▼ TS2270 Tape Drive https://datacentersupport.lenovo.com/ip/ja/products/storage/tape-and-backup/ts2270/downloads
▼ TS2280 Tape Drive https://datacentersupport.lenovo.com/ip/ja/products/storage/tape-and-backup/ts2280/downloads

▼ TS2290 Tape Drive https://datacentersupport.lenovo.com/ip/ja/products/storage/tape-and-backup/ts2290/downloads

■ Support status for each system device

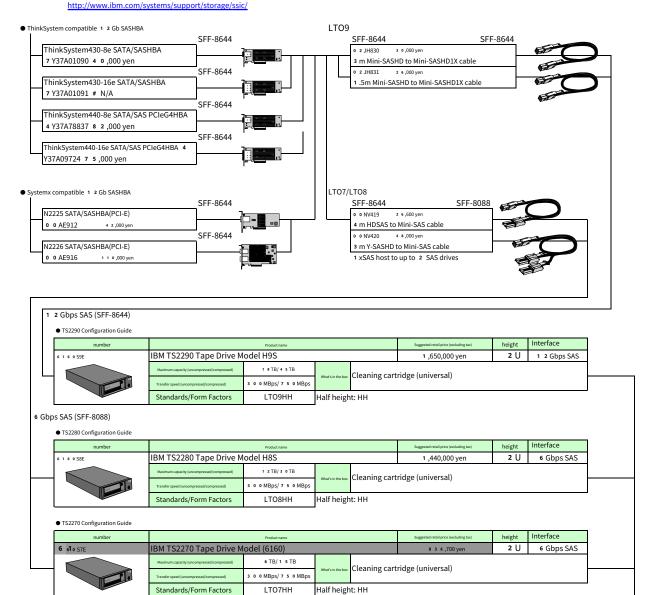
For the latest support information, please refer to the technical support information provided by the SystemStorage Interoperation Center (SSIC) at the following URL.

SSIC: http://www.ibm.com/systems/support/storage/ssic/

TS2270/TS2280/TS2290 Configuration Guide



Support status for each system device For the latest support information, please refer to the technical support information provided by the SystemStorage Interoperation Center (SSIC) at the following URL.



0 0 NV426	6 1 6 0 Rackmount Shelf	3 2 ,300 yen		
Fixed shelf for ra	ck storage. One 4 .3m IEC320 C14 power cable is included.			
wer Cable Options	* The tape drive does not come with a power	r cable.		200 VE
0 0 NA055 2	.8m power cord (100V/ 1 2 A. C13 to JIS C-8303. for Japan)	3 ,600 yen	\neg \wedge \wedge	
1 0 0 V: IEC320 (13-NEMA 5 -15P			
4 6 M2593 1	2 A/ 1 2 5 V C13 to JIS C-8303 2 .8m line cord	4 ,200 yen		
1 0 0 V: IEC320 (13-NEMA 5 -15P			
0 0 NA063 4	.3m C13 to C14 Rack Power Cable (10A/ 1 0 0 -250V)	3 ,600 yen		
	IEC320 C13 — IEC320 C14	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\sim

■ Data cartridge list

Product Number	Product name	Suggested retail price (excluding tax)	Supported Drive Models
0 0 NA017	Ultrium cleaning cartridge L1UCC	1 0 ,800 yen	All models
o NOA023	Ultrium5 data cartridge 5 -pack	5 8 ,000 yen	TS2250/TS2260/TS2270 (read only)
0 KTP958	Ultrium 6 data cartridge (1 volume)	1 6 ,000 yen	TC22C0/TC2270
0 NOA025	Ultrium 6 data cartridge 5 -pack	8 0 ,000 yen	TS2260/TS2270
0 1 KP957	Ultrium 7 data cartridge (1 volume)	3 0 ,000 yen	TS2270/TS2280
0 0 WF771	Ultrium 7 data cartridge 5 -pack	1 5 0 ,000 yen	152210/152280
0 1 KP956	Ultrium8 data cartridge (1 volume)	4 8 ,000 yen	TS2280/TS2290
0 1 KP955	Ultrium 8 Data Cartridge (5-pack)	2 4 0 ,000 yen	152280/152290
0 2 JH834	Ultrium9 data cartridge (1 volume)	6 0 ,000 yen	TS2290
0 2 JH833	Ultrium9 Data Cartridge (5-pack)	3 0 0,000 yen	1122230



IBM TS2900Tape Autoloader Configuration Guide

Product Specifications											
			TS2900 Tape Autoloader								
Product name		1274 P									
Product Number		6 1 7 1 S7R	6 1 7 1 S8R	6 1 7 1 S9R							
Suggested retail price (excluding tax	()	1 ,180,000 yen	1 ,560,000 yen	1 ,600,000 yen							
Interface		6 Gbps SAS (SFF-8088)	1 2 Gbps SAS (SFF-8644)							
Tape Drive Type		LTO Ultrium 7	LTO Ultrium 8	LTO Ultrium 9							
Data Cartridge		LTO-5 (Read only) / LTO-6 / LTO-7	LTO-7/LTO-8	LTO-8/LTO-9							
Number of Drives		1									
Number of cartridges store	d		9								
Cartridge capacity (1 cartrid	dge)	6 TB (uncompressed)/ 1 5 TB (2.5:1 compressed)	1 2 TB (uncompressed)/ 3 0 TB (2.5:1 compressed)	1 8 TB (uncompressed)/ 4 5 TB (2.5:1 compressed)							
Total Physical Capacity		5 4 TB (uncompressed)/ 1 3 5 TB (2.5:1 compressed)	1 0 8 TB (uncompressed)/ 2 7 0 TB (2.5:1 compressed)	1 6 2 TB (uncompressed)/ 4 0 5 TB (2.5:1 compressed)							
Maximum data transfer rate (ur	ncompressed/compressed)	3 0 0 MBps / 7 5 0 MBps	3 0 0 MBps / 7 5 0 MBps	3 0 0 MBps / 7 5 0 MBps							
mass			1 3 kg								
Dimensions (WxDxH)			4 4 5 mm x 8 4 7 mm x 4 3 .6mm (1U rack)								
Environmental Response			RoHS compliant								
Rack Mount Kit			option								
Power consumption/input pow	ver		1 1 0 W/ 0 .12 kVA								
power cable			option								
What's in the box		Cleaning cartridge (unive	ersal) * Data cartridge not included								
service			Setup Support 9 0 · 1								
	Domestic repairs	1 -year parts/ 1 -year r	ext business day on-site repair and warranty service (9 hou	rs x 5 days/CRU)							
guarantee	Overseas repairs		none								

* 1 This is a service that answers technical inquiries regarding installation for three months from the warranty start date. For details, please refer to the following URL. http://www.lenovojp.com/business/support/server/ss90mail.html



■ About downloading the latest firmware

For the latest firmware downloads, please refer to the following URL: Lenovo Data Center Support - Storage - Tape and Backup

▼ Tape Autoloader - TS2900

https://datacentersupport.lenovo.com/jp/ja/products/storage/tape-and-backup/ts2900/downloads

■ Support status for each system device

For the latest support information, please refer to the technical support information provided by the SystemStorage Interoperation Center (SSIC) at the following URL.

SSIC:http://www.ibm.com/systems/support/storage/ssic/

■ Compatibility between LTO Ultrium cartridges and LTO tape devices

		LTO	O Ultrium Data Cartridge/	Barcode Label		
	LTO9 (L9)	LTO8 (L8)	LTO7(M8%)	LTO7 (L7)	LTO6 (L6)	LTO5 (L5)
tape drive	xxxxxxL9	xxxxxxL8	8Mxxxxxx	xxxxxxL7	xxxxxxL6	xxxxxxL5
LTO9 drive	Read/Write	Read/Write				
LTO8 drive		Read/Write	Read/Write	Read/Write		
LTO7 drive				Read/Write	Read/Write	Read-only

* By initializing an unused LTO7 cartridge as an M8, you can write up to 9 TB. M8 cartridges can only be read/written by LTO8 drives.

The library recognizes cartridges with the barcode label xxxxxxxM8. Cartridges initialized with M8 cannot be reverted to L7. TS2900 Tape

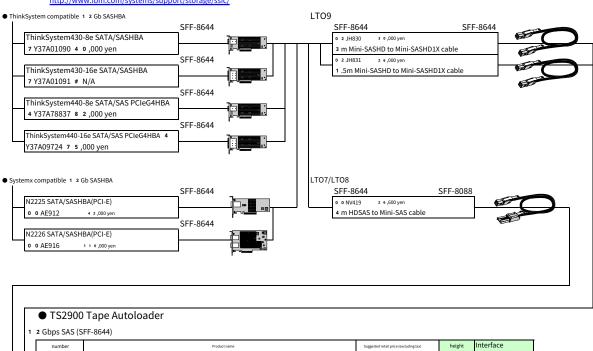
Library Microcode 0 0 8 0 and later support M8.

TAPE

TS2900 Tape Autoloader Configuration Guide



■ Support status for each system device
For the latest support information, please refer to the technical support information provided by the SystemStorage
Interoperation Center (SSIC) at the following URL.
http://www.ibm.com/systems/support/storage/ssic/



_	P 4-	, ,												
	number			Р	Product name		Suggested retail	orice (excluding t	ax)	height	Interface			
	6 1 7 1 S9R	IBM TS2900 T	ape Autoloader (L	.TO9)			1 ,600,0	000 yen		1 U	SAS			
			Maximum capacity (uncompressed/c	compressed)	1 6 2 TB/ 4 0 5 TB	Number of LTO drives	1	Form I	Factor/S	Standar	d Half-	height LTO-9		
	1988		Transfer speed (uncompressed/comp	ipply unit	1 /1 (standard/maximum)									
	L NOV		Warranty 1 -year parts/ 1 -year next business day on-site repair and warranty service (9 hours x 5 days/CRU)											
			* The rack mou	ınt kit	and power cable ar	e not included v	vith t	he TS29	00 tape	e unit.				

6 Gbps SAS (SFF-8088)

٦,	33 37 (311 3333)															
ſ	number				Product name			Sug	gested retail p	orice (excluding tax)		height	Interface			
ſ	6 1 7 1 S8R	IBM TS2900 T	ape Autoloader (l	.TO8)			1 ,560,000 yen				1 U	SAS				
1			Maximum capacity (uncompressed/	compressed)	1 0 8 TB/ 2 7 0 TB	Number of LTO drives		1 Form Factor/Standa			Standar	d Hal	f-height LTO-8			
	1000	MARI WITE	Transfer speed (uncompressed/com	pressed)	3 0 0 MBps/ 7 5 0 MBps	Maximum number of cartridge	s that o	can be i	installed	9 bottles	Power su	apply unit	1 /1 (standard/maximum)			
			Warranty 1 -year parts/ 1 -year next business day on-site repair and warranty service (9 ho									rvice (9 hours x 5 days/CRU)				
			* The rack mou	ınt kit	and power cable ar	e not included v	vith	the	TS29	00 tape	unit.					
-							_									

		* The rack mot	INT KIT	and power cable ar	e not included v	vitn	tne 1529	oo tap	e unit.				
number			F	Product name			Suggested retail	price (excluding	tax)	height	Interface		
6 1 7 1 S7R	IBM TS2900 Ta	pe Autoloader (witl		1 ,180,0	000 yen		1 U	SAS					
		Maximum capacity (uncompressed/	compressed)	5 4 TB/ 1 3 5 TB	Number of LTO drives		1 Form Factor/Standa			rd Half-height LTO-7			
	MARKET WAY	Transfer speed (uncompressed/com	pressed)	3 0 0 MBps/ 7 5 0 MBps	Maximum number of cartridge	s that o	an be installed	9 bottles	Power su	upply unit	1 /1 (standard/maximum)		
		Warranty	1 -year p	oarts/ 1 -year next business d	ay on-site repair and wa	rrant	y service (9 ho	ours x 5 d	ays/CRU)	•			
		* The rack mou	ınt kit	and power cable ar	e not included w	vith	the TS29	00 tap	e unit.				

● TS2900 related options

• 132300 related opt	0115				
number	Product name	Suggested retail price (excluding tax)			
Rack Mount Kit & Po	wer Cable Option				
0 0 NA013	6 1 7 1 Rackmount Kit	5 1 ,500 yen			
17.1%	6 1 7 1 Rackmount Kit Includes rack rails and an IEC320-C13 to C14 power cable. Required for rack mounting. 2 8m power cord (100V/1 2 A C13 to IISC-8303 for Japan)				
0 0 NA055	3 ,600 yen				
4 6 M2593	1 2 A/ 1 2 5 VC13 to JISC-8303 2 .8m line cord	4 ,200 yen			
Related options					
0 0 NA015	6 1 7 1 Desk Side Cover	4 8 ,400 yen			
0 0 NA019	6 1 7 1 Additional Tape Magazine	8 9 ,700 yen			
0 0 NA011	6 1 7 1 Transparent LTO Encryption	1 6 2 ,000 yen			



■ Data cartridge list

2 4 44 64. 6.	146 1101			
Product Number	Product name	Suggested retail price (excluding tax)	Supported Drive Models	İ
0 0 NA017	Ultrium cleaning cartridge L1UCC	1 0 ,800 yen	All models	ĺ
0 0 NA023	Ultrium5 data cartridge 5 -pack	5 8 ,000 yen	LTO7 (read only), LTO6, LTO5	*
0 0 NA025	Ultrium 6 data cartridge 5 -pack	8 0 ,000 yen	LT07, LT06	*
0 0 WF771	Ultrium 7 data cartridge 5 -pack	1 5 0 ,000 yen	LT08, LT07	*
0 2 JH005	LTO7 Type M (M8) unformatted data cartridges, 5 -pack	1 5 0 ,000 yen	LTO9, LTO8	*
0 1 KP955	Ultrium 8 Data Cartridge (5-pack)	2 4 0 ,000 yen	LTO9, LTO8	*
0 2 JH834	Ultrium9 data cartridge (1 volume)	6 0 ,000 yen	LTO9	ĺ
0 2 JH833	Ultrium9 Data Cartridge (5-pack)	3 0 0,000 yen	LTO9	*

 $^{{\}color{red} \star} \ \ \, \text{Each} \ \, \textbf{5} \, \, \text{-pack of data cartridges comes with a barcode label with a serial number printed on it.}$



IBM TS4300 for LenovoTape Library Configuration Guide

Product Specifications		<u>, </u>										
		TS4300 3 U Tape Library Base Unit (Driveless)	TS4300 3 U Tape Library Expansion Unit (Driveless)									
Product name												
Product Number		6 7 4 1 BIF	6 7 4 1 B3F									
Suggested retail price (excluding tax)	1	1 ,180,000 yen	1 ,040,000 yen									
Tape Drive Type		LTOUltrium9/LTOUltrium	n8/LTOUltrium7 (FH/HH)									
		LTO Ultrium9(HH): 2 -port 1 2 Gbps SAS (SFF-8644)										
		LTO Ultrium9 (FH): 2 -port	1 2 Gbps SAS (SFF-8644)									
Interface		LTOUltrium8(HH)/LTOUltrium7(HH): 2 -port 6 Gbps SAS (SFF-8088)										
		LTO Ultrium9(HH)/LTO Ultrium8(HH)/LTO Ultrium7(HH):	: 1 port 8 Gbps FC (Short Wave, LC connector)									
		LTO Ultrium9(FH)/LTO Ultrium8(FH)/LTO Ultrium7(FH):	2 -port 8 Gbps FC (Short Wave, LC connector)									
Maximum number of drives installed		(Per unit) Full height (FH) x 1 + Half height (F [basic + 1 5 x expansion]) Full height (FH) x 1 6 + Half	HH) x 1 or Half height (HH) x 3 (Maximum 1 6 units f height (HH) x 1 6 or Half height (HH) x 4 8									
Maximum number of cartridges	stored	(per unit) 4 0 pieces / (maximum 1 6 units) 6 4 0 Book										
		LTO Ultrium 9 (L9): 1 8 TB (uncompressed) / 4 5 TB (2.5:1 compressed) LTO										
Cartridge capacity (1 cartrid	lge)	Ultrium 8 (L8): 1 2 TB (uncompressed) / 3 0 TB (2.5:1 compressed) LTO Ultrium 7 (M8 · ;): 9 TB (uncompressed) / 2 2 .5TB (2.5:1 compressed)										
		LTO Ultrium 7 (k7): 6 TB (uncompressed) / 1 5 TB (2.5:1 compressed)										
		LTO Ultrium 9 (L9): 6 8 0 TB/(Max 1 6 units) 1 0 .88PB LTO										
Total physical capacity (uncompress) (1 unit)/(Maximum		Ultrium 8 (L8): 4 8 0 TB/(Max 1 6 units) 7 .68PB LTO Ultrium 7 (M8·;): 3 6 0 TB/(Max 1 6 units) 5 .76PBLTO										
. , , ,	•		Ultrium 7 (M8-2): 3 6 0 15/(Max 1 6 units) 3 .84PB									
			speed for each drive									
Maximum data transfer rate (un	compressed/compressed)	· ·	FH): 4 0 0 MBps FH): 3 6 0 MBps									
		LTOUltrium8(HH)/LTOU										
mass		2 1 kg	1 3 kg									
Dimensions (WxDxH)		4 4 6 mmX 8 7	7 3 mmX 1 3 3 mm									
Environmental Response		RoHS	compliant									
Rack Mount Kit		opti	ion									
Power consumption		:	3 5 0 W									
power cable		opti	ion									
Included Items (initial configuration)		First power supply, barcode reader, Right cartridge magazine, left cartridge magazine, Top cover, bottom cover, documentation pack	Right cartridge magazine, left cartridge magazine, Expansion connection cable, documentation pack									
service		Setup Support 9 0 + 3										
	Domestic repairs	3 -year parts/ 3 -year next business day re	pair/warranty service (9 hours x 5 days/CRU)									
guarantee	Overseas repairs	1	none									

- * 1 Starting with firmware 1.6.1.0, up to 1 6 units (48U) are supported. Downgrades are not possible.
- * 2 By formatting unused LTO7 cartridges as M8, you can write up to 9 TB of data. M8 cartridges can only be read/written by LTO8 drives. The library recognizes them as barcode label xxxxxxM8. Cartridges formatted as M8 cannot be converted back to L7.
- * 3 This is a service that answers technical inquiries regarding installation for three months from the warranty start date. For details, please refer to the following URL. http://www.lenovojo.com/business/support/server/ss90mail.html



- About downloading the latest firmware
 - For the latest firmware downloads, please refer to the following URL: Lenovo Data Center Support Storage Tape and Backup
 - ▼ Tape Library TS4300 https://datacentersupport.lenovo.com/ip/ja/products/storage/tape-and-backup/ts4300-tape-library-for-lenovo/6 7 4 1
- Support status for each system device

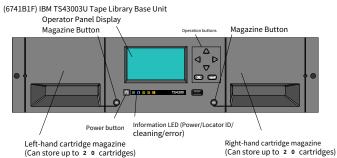
 For the latest support information, please refer to the technical support information provided by the SystemStorage Interoperation Center (SSIC) at the following URL.

 SSIC: http://www.ibm.com/systems/support/storage/ssic/

TS4300 Tape Library Configuration Guide

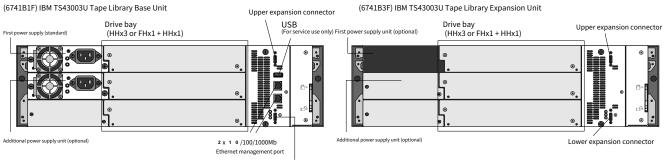






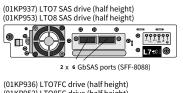
(6741B3F) IBM TS43003U Tape Library Expansion Unit Magazine Button Magazine Button Left-hand cartridge magazine (Can store up to 2 0 cartridges) Right-hand cartridge magazine (Can store up to 2 0 cartridges)

Rear interface

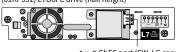


Lower expansion connector

Each drive unit



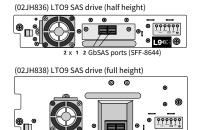




1 x 8 GbFC port (SW, LC connector)

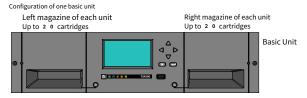
(01KP938) LTO7FC drive (full height) (01KP954) LTO8FC drive (full height) (02JH837) LTO9FC drive (full height) 0 0

2 x 8 GbFC ports (SW, LC connector)

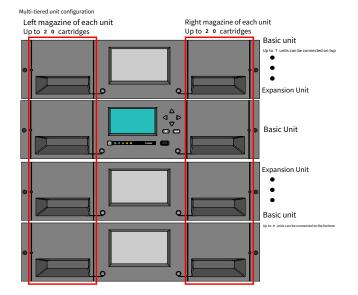


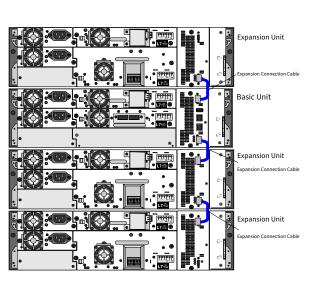
2 x 1 2 GbSAS ports (SFF-8644)

■ Library configuration



Magaz	zine slo	ot nu	m	ber									
Left m	agazine	Right magazine											
5	1 0	1	5	2	0		twenty five	. 3	0	3	5	4	0
4	9	1	4	1	9	LTO	twenty fou	. 2	9	3	4	3	9
3	8	1	ß	1	8	drive	twenty the	∞ 2	8	3	ß	3	8
2	7	1	2	1	7	unve	twenty two	. 2	7	3	2	3	7
1	6	1	1	1	6		twenty on	. 2	6	3	1	3	6
front				Ba	ck	(front					Ва	ck





● TS4300 Tape Library

number		Product name				Suggested retail p	orice (excluding tax)	height	Power supply unit
4 1 B1F	IBMTS4300 3	U Tape Library B	ase Unit (Maximum 4 8	U)		1 ,180,0	000 yen	3 U	1 /2 (standard/maximum)
			Up to 3 HH units	Number of magazines	2 /2(Sta	andard/Max)	Rackmount Kit		option
	<u></u>	Number of Drives	Up to 1 FH unit	Maximum number that can be instal	ed 4	o bottles	power ca	able	option
·			Up to 1 HH+1FH						•
Fu	unctionality expansion of	ptions							1
	number			Product name			Suggested retail price (ex	cluding tax)	
	0 1 KP984	TS	4300 Path Failover				6 4 2 ,200 y	en	
	By applying T	S4300 Path Failor	er (01KP984), you can e	nable the path fai	lover ar	nd load bal	lancing function	ns. There	are two types of
	path failover functions: Control Path Failover (CPF) and Data Path Failover (DPF).								
	, ,, ,	functions: Contro	l Path Failover (CPF) and	l Data Path Failov	er (DPF).			
	, ,, ,	functions: Contro	l Path Failover (CPF) and	l Data Path Failov	er (DPF).			
	, ,, ,	1	l Path Failover (CPF) and		er (DPF).	7 1 2 ,500 y	en	
	path failover	TS4	1300 LTO Library Encryptio	n Management	er (DPF).	7 1 2 ,500 y	en	
	path failover o 1 KP985 License key to	TS/ o enable encryption	1300 LTO Library Encryptio on for the TS4300 tape li	n Management brary					
L	path failover o 1 KP985 License key to	TS/ o enable encryption	1300 LTO Library Encryptio	n Management brary					
Upto	path failover o 1 KP985 License key to * Depending on	TS/ o enable encryption n your key manageme	1300 LTO Library Encryptio on for the TS4300 tape li	n Management brary nstall IBM Security Ke					
Up to number	path failover o 1 KP985 License key to * Depending on	TS/ o enable encryption n your key manageme	1300 LTO Library Encryptio on for the TS4300 tape li nt method, you may need to i	n Management brary nstall IBM Security Ke		le Manager (S			Power supply unit
	path failover o 1 KP985 License key to * Depending on	TS-0 enable encryption your key management to be connected: 7 units	i300 LTO Library Encryption for the TS4300 tape lint method, you may need to ion top of the basic unit and 8 ur	n Management brary nstall IBM Security Ke		le Manager (S	SKLM) separately.		Power supply unit o /2(Standard/Max)
number	path failover o 1 KP985 License key to * Depending on	TS-0 enable encryption your key management to be connected: 7 units	1300 LTO Library Encryption on for the TS4300 tape lint method, you may need to it on top of the basic unit and 8 ur	n Management brary nstall IBM Security Ke	y Lifecycl	Suggested retail p	SKLM) separately.	height 3 U	
number	path failover o 1 KP985 License key to * Depending on	TS-0 enable encryption your key management to be connected: 7 units	1300 LTO Library Encryption for the TS4300 tape lint method, you may need to it on top of the basic unit and 8 ur Product name Insign Unit (Maximum 4 8	n Management brary nstall IBM Security Kenits on the bottom.	y Lifecycl	Suggested retail p	SKLM) separately.	height 3 U	0 /2(Standard/Max)

number		Product name	Suggested retail price (excluding tax)	Maximum number of
Half-height	HH) 1 2 Gb	SAS drive		
0 2 JH836		drive (half height)	1 ,300,000 yen	3
Full-height (FH) 1 2 Gb	SAS drive	·	
0 2 JH838	LTO9 SAS	drive (full height)	1 ,500,000 yen	1
Half-height (HH) 6 GbSA	S drive	·	
0 1 KP937	LTO7 SAS	drive (half height)	1 ,116,000 yen	3
0 1 KP953	LTO8 SAS	drive (half height)	1 ,205,000 yen	3
Half-height	HH) 8 GbFC	drive		
0 1 KP936	LTO7 Fib	re Channel drive (half height)	1 ,164,000 yen	3
0 1 KP952	LTO8 Fib	re Channel drive (half height)	1 ,256,000 yen	3
Full-height (FH) 8 GbFC	drive		
0 1 KP938	LTO7 Fib	re Channel Drive (Full Height)	1 ,599,000 yen	1
0 1 KP954	LTO8 Fib	re Channel drive (full height)	1 ,727,000 yen	1
0 2 JH837	LTO9 Fib	re Channel drive (full height)	1 ,800,000 yen	1
ditional options				
number		Product name	Suggested retail price (excluding tax)	7
Spare 2 0 -	cartridge ma	ngazine		
0 1 KP932		TS4300 Left Cartridge Magazine	1 1 1,200 yen	
0 1 KP931		TS4300 Right Cartridge Magazine	1 1 1,200 yen	
* Power cable is not included.				

1 7 2 ,900 yen

8 0 ,000 yen

Power Cable Options

Rackmount Options

0 1 KP927

 ower cable options						
number		Product name	Suggested retail price (excluding tax)	Maximum required number		
1 0 0 V: IEC320C13-NEN		A5-15P				
0 0 NA055	2 .8m powe	r cord (100V/ 1 2 A. C13 to JISC-8303. for Japan)	3 ,600 yen	2		
4 6 M2593	1 2 A/ 1	2 5 VC13 to JISC-8303 2 .8m line cord	4 ,200 yen	2		
1 0 0 -200V/PDU: IEC32		DC13-IEC320C14				
o o NA063 4 .3m C13		to C14 Rack Power Cable (10A/ 1 0 0 -250V)	3 ,600 yen	2		



■ Data cartridge list

Data carti	triage tist						
Product Number	Product name	Suggested retail price (excluding tax)	Supported Drive Models				
0 0 NA017	Ultrium cleaning cartridge L1UCC	1 0 ,800 yen	All models	ĺ			
0 0 NA025	Ultrium 6 data cartridge 5 -pack	8 0 ,000 yen	LT07, LT06	*			
0 0 WF771	Ultrium 7 data cartridge 5 -pack	1 5 0 ,000 yen	LT08, LT07	*			
0 2 JH005	LTO7 Type M (M8) unformatted data cartridges, 5 -pack	1 5 0 ,000 yen	LTO9, LTO8	*			
0 1 KP955	Ultrium 8 Data Cartridge (5-pack)	2 4 0 ,000 yen	LTO9, LTO8	*			
0 2 JH834	Ultrium9 data cartridge (1 volume)	6 0 ,000 yen	LTO9				
0 2 JH833	Ultrium9 Data Cartridge (5-pack)	3 0 0,000 yen	LTO9	*			

 $^{{\}color{red}^{\star}} \ \ \text{Each} \ \ {\color{red}^{\star}} \ \ \text{Fack of data cartridges comes with a barcode label with a serial number printed on it.}$

TS4300 additional power supply

Additional power supply mechanism for base unit and expansion unit.
 Rackmount Options * Power cable is not included.

Rack Mount Kit (for TS4300)

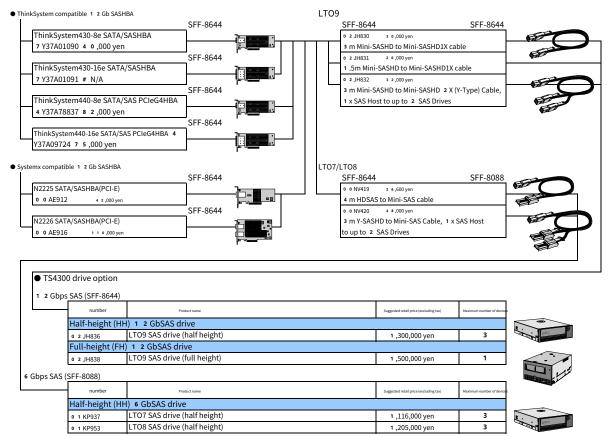
■ Rack mount kit for base and expansion units. Fits flange distances from 5 9 .4cm to 8 7 .1cm.

■ Compatibility between LTO Ultrium cartridges and LTO tape devices

Compatibility between E10 official cartilidges and E10 tape devices							
		LTO Ult	rium Data Cartridge/B	arcode Label			
	LTO9 (L9)	LTO8 (L8)	LTO7(M8%)	LTO7 (L7)	LTO6 (L6)	LTO5 (L5)	
tape drive	xxxxxxL9	xxxxxxL8	8Mxxxxxx	xxxxxxL7	xxxxxxL6	xxxxxxL5	
LTO9 drive	Read/Write	Read/Write					
LTO8 drive		Read/Write	Read/Write	Read/Write			
LTO7 drive				Read/Write	Read/Write	Read-only	

^{*} By initializing an unused LTO7 cartridge as an M8, you can write up to 9 TB. M8 cartridges can only be read/written by LTO8 drives. The library will recognize the cartridge as barcode label xxxxxxM8. Cartridges initialized with M8 cannot be changed back to L7.





■ Fibre Channel (FC) connection

ThinkSystem compatible FCHBA

7 ZT7A00517	Emulex LPe32000-M2-L PCIe 3 2 Gb 1 -Port SFP+ FC Adapter	2 2 0 ,000 yen
7 ZT7A00519	Emulex LPe32002-M2-L PCIe 3 2 Gb 2 -Port SFP+ FC Adapter	3 5 6 ,000 yen
7 ZT7A00516	Qlogic QLE2740 PCIe 3 2 Gb 1 -Port SFP+ FC Adapter	2 4 8 ,000 yen
7 ZT7A00518	QLogic QLE2742 PCIe 3 2 Gb 2 -Port SFP+ FC Adapter	3 9 8 ,000 yen

● ThinkSystem/Systemx compatible FCHBA

0 1 CV830	Emulex 1 6 Gb Gen6 FC Single Port HBA	1 1 4 ,000 yen
0 1 CV840	Emulex 1 6 Gb Gen6 FC Dual Port HBA	1 7 8 ,000 yen
8 1 Y1655	Emulex 1 6 Gb FC Single Port HBA (PCI-E)	2 4 3 ,200 yen
8 1 Y1662	Emulex 1 6 Gb FC Dual Port HBA (PCI-E)	3 5 3 ,400 yen
0 1 CV750	QLogic Enhanced G5 1 6 Gb FC Single Port HBA	1 2 8 ,000 yen
0 1 CV760	QLogic Enhanced G5 1 6 Gb FC Dual Port HBA	1 9 8 ,000 yen
o o Y3337	QLogic 1 6 Gb FC Single Port HBA (PCI-E)	2 5 6 ,000 yer
o o Y3341	QLogic 1 6 Gb FC Dual Port HBA (PCI-E)	3 7 2 ,000 yen
4 2 D0485	Emulex 8 Gb Single Port FC HBA (PCI-E)	1 4 1,600 yen
4 2 D0494	Emulex 8 Gb Dual Port FC HBA (PCI-E)	2 1 8 ,500 yer
4 2 D0501	QLogic 8 Gb Fibre Channel Single Port HBA (PCI-E)	1 4 9 ,000 yer
4 2 D0510	QLogic 8 Gb Fibre Channel Dual Port HBA (PCI-E)	2 3 0 ,000 yen

ThinkServer compatible FCHBA

4 XB0F28653	ThinkServer LPe16000B 1 Port 1 6 Gb FCHBAby Emulex	2 1 6 ,000 yen
4 XB0F28705	ThinkServer LPe16002B-M6-L PCIe 1 6 Gb 2 Port FCHBAby Emulex	3 3 4 ,000 yen
o C19482	ThinkServer QLE2562 Dual Port 8 Gb FCHBA by QLogic	1 6 0 ,000 yen
4 XB0F28704	ThinkServer LPe16002B-M8-L PCIe 8 Gb 2 Port FCHBAby Emulex	1 9 5 ,000 yen

FCSAN switch

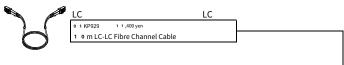
3 8 7 3 AR3	B300 SAN Switch [8 ports enabled/ 8 x8 8 Gb SWSFP+ installed]	7 2 0 ,000 yen
3 8 7 3 AR4	B6505 SAN Switch [12 enabled ports/ 1 2 8 Gb SWSFP+ ports installed]	1 ,307,000 yen
3 8 7 3 BR2	B6510 SAN Switch [24 enabled ports/ 2 4 8 Gb SWSFP+ installed]	3 ,690,000 yen
3 8 7 3 AR5	B6505 SAN Switch [12 enabled ports/ 1 2 1 6 Gb SW SFP+ cards installed] (3-year warranty)	1 ,487,000 yen
3 8 7 3 BR3	B6510 SAN Switch [24 enabled ports/ 2 4 x16Gb SW SFP+ installed] (3-year warranty)	4 ,050,000 yen

FlexSystem compatible FCHBA

6 9 Y1938	FC3172 2 -port 8 Gb FC adapter	1 1 6 ,000 yen
9 5 Y2386	Flex SystemFC5052 2 -port 1 6 Gb FC Adapter	1 7 8 ,700 yen
9 5 Y2391	Flex SystemFC5054 4 -port 1 6 Gb FC Adapter	2 7 4 ,900 yen
	•	

• FlexSystem compatible FCSAN switch

6 9 Y1930	FC3171 8 Gb SAN Switch	1 ,350,000 yen
8 8 Y6374	FC5022 1 6 Gb SAN Scalable Switch	1 ,350,000 yen
0 0 Y3324	FC5022 2 4 -port 1 6 Gb SAN Scalable Switch	1 ,770,000 yen
9 0 Y9356	FC5022 2 4 -port 1 6 Gb ESB SAN Scalable Switch	2 ,390,000 yen
6 9 Y1934	FC3171 8 Gb SAN Pass-Through	8 1 9 ,000 yen



number		Product name	Suggested retail price (excluding tax)	Maximum number of devi
Half-height	(HH) 8 GbFC driv	re		
0 1 KP936	LTO7 Fibre Ch	annel drive (half height)	1 ,164,000 yen	3
0 1 KP952	LTO8 Fibre Ch	annel drive (half height)	1 ,256,000 yen	3
0 2 JH835	LTO9 Fibre Ch	annel drive (half height)	1 ,600,000 yen	3
Full-height ((FH) 8 GbFC drive	e		
0 1 KP938	LTO7 Fibre Ch	annel Drive (Full Height)	1 ,599,000 yen	1
0 1 KP954	LTO8 Fibre Ch	annel drive (full height)	1 ,727,000 yen	1
0 2 JH837	LTO9 Fibre Ch	annel drive (full height)	1 ,800,000 yen	1





■ IBM System Storage Interoperation Center (SSIC) Support Verification Guide

■ How to check compatibility between IBM OEM LTO tape devices and Lenovo servers

As of October 7, 2 0 2 5

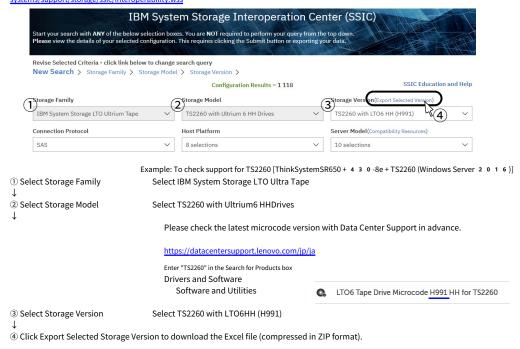
Select the desired storage version from SSIC and download the Excel file (compressed in ZIP format) from Export Selected Storage Version (xls) (link). You can check the support for each OS/HBA/device driver/firmware in the downloaded Excel file (compressed in ZIP format).



The information posted on SSIC is constantly being updated, so please be sure to check the latest information.

How to obtain the IBM System Storage Interoperation Excel file for each Storage Version

IBM System Storage Interoperation Center (SSIC) http://www.ibm.com/ systems/support/storage/ssic/interoperability.wss



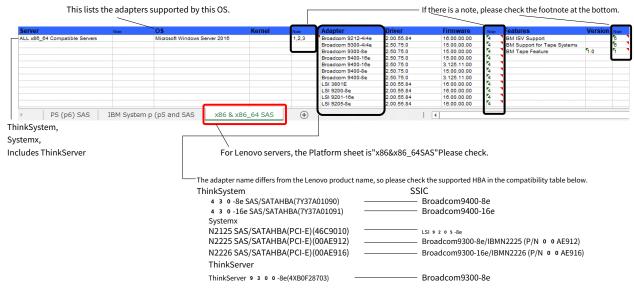
By selecting ①/②/③, you can download an Excel file (compressed in ZIP format) of the System Storage Interoperation for each

platform from Export Selected Storage Version (xls).



Unzip the downloaded ZIP file, open the Excel file, and check the Notes in the desired Platform sheet and at the bottom.

Points to check in Excel files



ThinkSystemSR650 + 4 3 0 -8e + TS2260 (Windows Server 2 0 1 6) is a certified configuration by SSIC.

Adapter compatibility table

■ SAS Interface

Product Number	Product name	SSIC listed adapter
ThinkSystem Compatib	le HBAs	
7 Y37A01090	ThinkSystem430-8e SATA/SASHBA	Broadcom9400-8e
7 Y37A01091	ThinkSystem430-16e SATA/SASHBA	Broadcom9400-16e
4 Y37A78837	ThinkSystem440-8e SATA/SAS PCIeG4HBA	Broadcom9500-8e
4 Y37A09724	ThinkSystem440-16e SATA/SAS PCIeG4HBA	Broadcom9500-16e
Systemx compatible HE	iA	
4 6 C9010	N2125 SATA/SASHBA(PCI-E)	LSI 9 2 0 5 -8e
0 0 AE912	N2225 SATA/SASHBA(PCI-E)	Broadcom9300-8e
o o AE916	N2226 SATA/SASHBA(PCI-E)	Broadcom9300-16e
ThinkServer compatible	нва	
4 XB0F28703	ThinkServer 9 3 0 0 -8e PCIe 1 2 Gb 8 Port External SAS Adapter by LSI	Broadcom9300-8e

■ FibreChannel Interface

Product Number	Product name	SSIC listed adapter
ThinkSystem compat	ible 3 2 GbFCHBA	
4 XC7A76498	Emulex LPe35000 3 2 Gb 1 -Port FC Adapter V2	Emulex LPe35000
4 XC7A76525	Emulex LPe35002 3 2 Gb 2 -Port FC Adapter V2	Emulex LPe35002
4 XC7A08250	Emulex LPe35000 3 2 Gb 1 -Port PCIe FC Adapter	Emulex LPe35000
4 XC7A08251	Emulex LPe35002 3 2 Gb 2 -Port PCIe FC Adapter	Emulex LPe35002
7 ZT7A00517	Emulex LPe32000-M2-L PCIe 3 2 Gb 1 -Port SFP+ FC Adapter	Emulex LPe32000
7 ZT7A00519	Emulex LPe32002-M2-L PCIe 3 2 Gb 2 -Port SFP+ FC Adapter	Emulex LPe32002
7 ZT7A00516	Qlogic QLE2740 PCIe 3 2 Gb 1 -Port SFP+ FC Adapter	QLogic QLE2740
7 ZT7A00518	QLogic QLE2742 PCIe 3 2 Gb 2 -Port SFP+ FC Adapter	QLogic QLE2742
ThinkSystem/Syste	mx compatible 1 6 GbFCHBA	
0 1 CV830	Emulex 1 6 GbGen6 FC Single Port HBA	Emulex LPe31000
0 1 CV840	Emulex 1 6 GbGen6 FC Dual Port HBA	Emulex LPe31002
8 1 Y1655	Emulex 1 6 Gb FC Single Port HBA (PCI-E)	Emulex LPe16000
8 1 Y1662	Emulex 1 6 Gb FC Dual Port HBA (PCI-E)	Emulex LPe16002
0 1 CV750	QLogic EnhancedG5 1 6 Gb FC Single Port HBA	QLogic QLE2690
0 1 CV760	QLogic Enhanced G5 1 6 Gb FC Dual Port HBA	QLogic QLE2692
0 0 Y3337	QLogic 1 6 Gb FC Single Port HBA (PCI-E)	QLogic QLE2660
0 0 Y3341	QLogic 1 6 Gb FC Dual Port HBA (PCI-E)	QLogic QLE2662
Systemx compatible	8 Gb FCHBA	
4 2 D0485	Emulex 8 Gb Single Port FCHBA (PCI-E)	Emulex LPe12000
4 2 D0494	Emulex 8 Gb Dual Port FCHBA (PCI-E)	Emulex LPe12002
4 2 D0501	QLogic 8 Gb Fibre Channel Single Port HBA (PCI-E)	QLogic QLE2560
4 2 D0510	QLogic 8 Gb Fibre Channel Dual Port HBA (PCI-E)	QLogic QLE2562
ThinkServer compati	ble 1 6 GbFCHBA	
4 XB0F28653	ThinkServer LPe16000B 1 Port 1 6 Gb FCHBAby Emulex	Emulex LPe16000
4 XB0F28705	ThinkServer LPe16002B-M6-L PCIe 1 6 Gb 2 Port FCHBAby Emulex	Emulex LPe16002
ThinkServer compati	ble 8 GbFCHBA	
o C19482	ThinkServer QLE2562 Dual Port 8 Gb FCHBA by QLogic	QLogic QLE2562
4 XB0F28704	ThinkServer LPe16002B-M8-L PCIe 8 Gb 2 Port FCHBAby Emulex	Emulex LPe16002
SAN Switch		
6 4 1 5 -XXX	ThinkSystemDB620S	Brocade G620
6 5 5 9 -XXX	ThinkSystemDB610S	Brocade G610
3 8 7 3 AR1	Brocade 3 0 0 FCSAN Switch	Brocade 3 0 0
3 8 7 3 AR2	Brocade 6 5 0 5 FCSAN Switch	Brocade 6 5 0 5
3 8 7 3 BR1	Brocade 6 5 1 0 FCSAN Switch	Brocade 6 5 1 0

If your proposed configuration is not listed in SSIC, you will need to apply for SCORE/RPQ. For details, please contact your Lenovo sales representative.

■ SystemStorage Interoperation Center (SSIC) Simple Support Checklist

The compatibility table below lists common configurations based on searches for specific product versions from the SystemStorage Interoperation Center (SSIC) information as of August 4, 2 0 2 3. For all other combinations and the latest information, please contact SSIC. http://www.ibm.com/systems/support/storage/ssic/

SAS interface

TS2270 with LTO7HH (P381) 4 3 9 -36e(TY37A01091) 4 4 9 -8e(4Y37A9337) 4 4 0 -8e(4Y37A9337) 4 3 0 -16e(TY37A01091) 4 1 0 -8e(4Y37A9337) 4 1 0 -16e(4Y37A01091) 5 2 2900 (0131) with LTO7HH (P381) 4 1 0 -16e(4Y37A01091) 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				, -	, -						
SSIC Storage Version: HBA 4 1 - 16e(7737A01091) 4 2 - 8e(737A01093) 4 3 - 8e(737A01093) 4 4 - 16e(4737A01093) 4 4 - 16e(4737A01093) 4 5 - 8e(4737A01093) 4 6 - 8e(4737A01093) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7											
SSIC Storage Version: HBA 4 1 - 16e(7737A01091) 4 2 - 8e(737A01093) 4 3 - 8e(737A01093) 4 4 - 16e(4737A01093) 4 4 - 16e(4737A01093) 4 5 - 8e(4737A01093) 4 6 - 8e(4737A01093) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7											
SSIC Storage Version: HBA 4 1 - 16e(7737A01091) 4 2 - 8e(737A01093) 4 3 - 8e(737A01093) 4 4 - 16e(4737A01093) 4 4 - 16e(4737A01093) 4 5 - 8e(4737A01093) 4 6 - 8e(4737A01093) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7										10	4
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V										SP	SP,
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			un.		~						ro.
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			-	-	7	_		_	~	- 1	
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V				0			∞.		6	Z	Ne
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V				-		š	š		×	Se	Se
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			e S	ē	ě	Ŀ	Ë	Ŀ	Ŀ.	rise	rise
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			vs S	vs S	vs S	ise	ise	ise	ise	dia	d a
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			ģ	δ	δ	rpr	ř	rpr	rp	inte	Ente
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			.i	Win	N N	nte	nte	nte	nte	Ϋ́	LX E
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			of ,	oft	off	at E	JE E	at E	at E	Ľ.	Li
TS2270 with LTO7HH (P381) 4 3 0 - J6e(TY37A01090) 4 4 0 - J6e(4Y37A09724) 4 4 0 - J6e(4Y37A09737) 4 4 0 - J6e(4Y37A09737) 4 3 0 - J6e(TY37A01090) 5 V V V V V V V V V V V V V V V V V V			ros	ros	ros	품	품	품	품	SE	SE
TS2270 with LTO7HH (P381) 4	SSIC Storage Version:	HBA	M	Mic	Mic	Re	Re	Re	Rei	SU	SU
A		4 3 0 -16e(7Y37A01091)	~	~	~	~	~			1	
TS2280 with LTO8HH (P381) 4 4 0 - Se(RY37A01091) 4 3 0 - 16e(RY37A01091) 4 4 0 - Se(RY37A01091) 4 5 0 - SE(RY37A01091) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	TC2270i+h TO7 /D201)	4 3 0 -8e(7Y37A01090)	7	~	~	1	/			~	
TS2280 with LTO8HH (P381) 4 3 0 - 16e(YY37A01091) 4 4 0 - 8e(4Y37A78337) 4 4 0 - 16e(Y37A01091) 4 4 0 - 8e(4Y37A78337) 4 7 0 - 16e(Y37A01091) 4 7 0 - 16e(Y37A01091) 4 7 0 - 16e(Y37A01091) 5 0 - 16e(Y37A01091) 6 0 - 16e(Y37A01091) 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	152270 With LTO7HH (P381)	4 4 0 -16e(4Y37A09724)	~	~	~	~	~			V	
TS2280 with LTO8HH (P381) 4 3 0 - 16e(TY37A01091)		4 4 0 -8e(4Y37A78837)	V	V	V	~	~			V	
TS2280 with LTO8HH (P381) 4 3 0 -8e(Y37A01090) 4 4 0 -16e(4Y37A09724) 4 3 0 -16e(Y37A01091) 4 3 0 -16e(Y37A01091) 4 3 0 -8e(Y37A78837) 4 3 0 -16e(Y37A01091) 4 4 0 -16e(4Y37A09724) 4 0 -16e(Y37A01091) 4 0 -16e(Y37A01091) 4 0 -16e(Y37A01091) 4 0 -16e(Y37A01091) 4 1 0 -16e(Y37A01091) 4 1 0 -16e(Y37A01091) 4 2 0 -16e(Y37A01091) 4 3 0 -16e(Y37A01091) 4 3 0 -16e(Y37A01091) 4 4 0 -16e(Y37A01091) 4 4 0 -16e(Y37A01091) 4 1 0 -16e(Y37A01091) 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			V	V	~	~				V	
S2280 with LIOSHH (P381)				-			_			_	
TS2900 (0131) with LTO9HH (PA61) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(Y737A01091) 4 4 0 -16e(4Y37A07924) 4 4 0 -16e(4Y37A079374) 4 4 0 -8e(4Y37A78837) 4 0 -8e(4Y37A78837) 4 0 -8e(4Y37A78837) 4 0 -8e(4Y37A78837) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TS2280 with LTO8HH (P381)		<u></u>	_						_	
TS2290 with LTO9HH (PA61) 4 3 0 -16e(TY3TA01090) 4 0 -16e(4Y3TA01091) 4 1 0 -8e(4Y3TA01091) 4 1 0 -8e(4Y3TA01091) 4 1 0 -8e(4Y3TA01091) 4 2 0 -8e(4Y3TA01091) 4 3 0 -8e(TY3TA01090) 4 4 0 -16e(4Y3TA01091) 4 4 0 -8e(4Y3TA78837) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			<u></u>	_		_				_	
TS2290 with LTO9HH (PA61) 4 3 0 -8e(7Y37A01090) 4 4 0 -15e(4Y37A08734) 4 3 0 -15e(Y737A01091) 4 3 0 -15e(Y737A01091) 4 3 0 -8e(Y737A01091) 4 4 0 -15e(Y737A01091) 4 3 0 -8e(Y737A01091) 4 3 0 -8e(Y737A01091) 4 4 0 -15e(Y737A01091) 4 4 0 -15e(Y737A01091) 4 4 0 -15e(Y737A01091) 4 5 0 -8e(Y737A01091) 4 6 0 -8e(Y737A01091) 4 7 0 -8e(Y737A01091) 4 7 0 -8e(Y737A01091) 4 8 0 -8e(Y737A01091) 4 9 0 -8e(Y737A01091) 4 9 0 -8e(Y737A01091) 4 0 -15e(Y737A01091) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						-	Ě	~	_	-	7
S 2290 with LTO9HH (PA61) 4 4 0 -16e(4Y37A09724) V V V V V V V V V V V V V V V V V V				-		_		Ť			—
TS2900 (0131) with LTO7HH (P381) 4	TS2290 with LTO9HH (PA61)			_	_			_	_		_
TS2900 (0131) with LTO7HH (P381) 4 3 0 -16e(TY37A01090) 4 4 0 -16e(4Y37A0174) 4 4 0 -16e(4Y37A0174) 4 3 0 -8e(TY37A01091) 4 4 0 -16e(4Y37A0174) 4 3 0 -8e(TY37A01091) 4 4 0 -16e(4Y37A0174) 4 3 0 -8e(TY37A01091) 4 4 0 -16e(4Y37A0174) 4 0 0 -8e(4Y37A0174) 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				-		_		_	_	_	_
TS2900 (0131) with LT07HH (P381) 4 3 0 -8e(TY37A01090) 4 4 0 -16e(4Y37A93724) 4 1 0 -16e(4Y37A93724) 4 2 0 -16e(4Y37A03724) 4 3 0 -8e(TY37A01091) 4 4 0 -16e(4Y37A03724) 4 1 0 -16e(4Y37A01091) 4 1 0 -16e(4Y37A03724)	· ·		-		_		_	_		_	
S 2900 (0131) with LTO/HH (P381)				_	_			<u>, </u>			_
TS4300 (1600) with LTO9HH (P381) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(Y37A78837) 4 3 0 -8e(Y37A78837) 4 3 0 -16e(Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(Y37A01091) 4 4 0 -8e(4Y37A78837) 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	TS2900 (0131) with LTO7HH (P381)			_	_			<u> </u>		_	
TS2900 (0131) with LTO8HH (P381) 4 3 0 -16e(7Y37A01091) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 3 0 -8e(7Y37A01091) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7								_			_
TS2900 (0131) with LTO8HH (P381) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 3 0 -16e(7Y37A01091) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A09724) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A09724) 4 4 0 -8e(4Y37A09724) 4 4 0 -8e(4Y37A09724) 4 5 0 -8e(7Y37A01090) 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				-		_		_	_		_
TS4300 (1600) with LTO9HH (P381) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01090) 4 3 0 -8e(7Y37A01090) 4 3 0 -8e(7Y37A01090) 4 3 0 -8e(4Y37A09724) 4 3 0 -8e(4Y37A09724) 4 3 0 -8e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 3 0 -8e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 3 0 -8e(4Y37A78837) 4 3 0 -8e(7Y37A01090) 4 4 0 -8e(4Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 4 0 -16e(4Y37A09724) 4 3 0 -8e(4Y37A01091) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01091) 5 4 3 0 -8e(7Y37A01091) 6 4 0 -8e(4Y37A09724) 7 5 4 3 0 -8e(7Y37A01091) 8 5 6 6 7 7 3 7 8 8 7 8 8 7 8 8 8 8 8 8 8 8 8 8				_		_		•	_		_
TS4300 (1600) with LTO9HH (P381) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(7Y37A01090) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TS2900 (0131) with LTO8HH (P381)			_				_			_
TS4300 (1600) with LTO9HH (PA61) 4 3 0 -16e(TY37A01091) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(TY37A01090) 4 4 0 -8e(4Y37A7837) 4 3 0 -8e(TY37A01090) 4 4 0 -8e(4Y37A7837) 4 3 0 -8e(TY37A01090) 4 4 0 -8e(4Y37A7837) 4 3 0 -8e(TY37A01090) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	()	4 4 0 -16e(4Y37A09724)		-	-	•		~	_		_
TS2900 (0131) with LTO9HH (PA61) 4 3 0 -8e(TY37A01090) 4 4 0 -16e(4Y37A0837) TS4300 (1600) with LTO7HH (P381) 4 3 0 -8e(TY37A01091) 4 4 0 -8e(4Y37A09724) 4 4 0 -8e(4Y37A01090) 4 4 0 -8e(4Y37A01091) TS4300 (1600) with LTO8HH (P381) 4 3 0 -8e(TY37A01090) 4 4 0 -8e(4Y37A09724) 4 4 0 -8e(4Y37A01090) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 0 -8e(4Y37A78837)	~	-	~	~		~	_	-	_
TS4300 (1600) with LTO9HH (P381) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01090) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(4Y37A78837) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(7Y37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(7Y37A01090) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(7Y37A01090) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(7Y37A01090) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 3 0 -16e(7Y37A01091)	~	_	_	_		~	_	-	~
TS4300 (1600) with LTO9HH (P361) 4 4 0 - 16e(4Y37A09724)	TS2900 (0131) with LT09HH (PA61)	4 3 0 -8e(7Y37A01090)	~	~	~	~		~	~	~	~
TS4300 (1600) with LTO7HH (P381) 4 3 0 -16e(7Y37A01091) 4 4 0 -16e(4Y37A0837) 4 4 0 -16e(4Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 3 0 -8e(4Y37A09724) 4 4 0 -8e(4Y37A09724) 4 3 0 -8e(7Y37A01091) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	132300 (0131) WITH E1031111 (1 A01)	4 4 0 -16e(4Y37A09724)	'	1	1	~		~	~	1	1
TS4300 (1600) with LTO7HH (P381) 4 3 0 -8e(TY37A01090)		4 4 0 -8e(4Y37A78837)	~	~	~	1		1	~	~	~
TS4300 (1600) with LTO7HH (P381) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01090) TS4300 (1600) with LTO9 (PA60) TS4300 (1600) with LTO9HH (PA61) 4 0 -8e(4Y37A01090) 4 0 0 -8e(4Y37A01090) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 3 0 -16e(7Y37A01091)	~	~	~	1		1	1	~	~
TS4300 (1600) with LTO9HH (PA61) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A09734) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 4 0 -16e(4Y37A09734) 4 4 0 -16e(4Y37A09734) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 4 0 -16e(4Y37A09734) 4 3 0 -8e(4Y37A78837) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(4Y37A09734) 4 3 0 -8e(4Y37A09734) 4 3 0 -8e(4Y37A01090) 4 4 0 -16e(4Y37A09734) 4 3 0 -8e(4Y37A01090) 4 4 0 -8e(4Y37A01090) 4 4 0 -8e(4Y37A01090) 4 4 0 -8e(4Y37A01090) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TC 4200 (1600) with LTO7(III (D201)	4 3 0 -8e(7Y37A01090)	~	~	~	~		~	~	~	~
TS4300 (1600) with LTO9HH (PA61) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01090) 4 4 0 -8e(4Y37A01090) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(4Y37A01091) 4 4 0 -16e(4Y37A01091) 4 3 0 -8e(4Y37A01091) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	154300 (1600) WILLIOTHH (P381)	4 4 0 -16e(4Y37A09724)	~	~	~	~		~	~	~	~
TS4300 (1600) with LTO8HH (P381) 4 3 0 -8e(TY37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A0837) 4 3 0 -16e(TY37A01091) 4 3 0 -8e(TY37A01091) 4 3 0 -8e(TY37A01091) 4 4 0 -16e(4Y37A09724) 4 0 -8e(4Y37A09724) 4 0 -8e(4Y37A01091) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 0 -8e(4Y37A78837)	~	~	~	~		~	~	~	~
TS4300 (1600) with LTO8HH (P381) 4 3 0 -8e(TY37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A0837) 4 3 0 -16e(TY37A01091) 4 3 0 -8e(TY37A01091) 4 3 0 -8e(TY37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(TY37A01091) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 3 0 -16e(7Y37A01091)	~	~	~	~		~	~	~	~
TS4300 (1600) With LTO9HH (P381) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(TY37A01091) 4 3 0 -8e(TY37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(TY37A01091) 4 4 0 -8e(4Y37A78837) 4 3 0 -8e(4Y37A78837) 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			V	1	~	~		7	~	~	~
TS4300 (1600) with LTO9HH (PA61) 4 4 0 -8e(4Y37A78837) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A01090) 4 3 0 -16e(7Y37A01090) 4 3 0 -16e(7Y37A01090) 4 3 0 -16e(7Y37A01090) 4 3 0 -16e(4Y37A09724) 4 3 0 -16e(4Y37A01090) 4 3 0 -16e(4Y37A01090) 4 3 0 -16e(4Y37A01090) 4 3 0 -16e(4Y37A01090) 4 4 0 -16e(4Y37A01090) 4 4 0 -16e(4Y37A01090)	TS4300 (1600) with LTO8HH (P381)			_	_	_		_	_	<u> </u>	_
TS4300 (1600) with LTO9 (PA60) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01090) 4 4 0 -8e(4Y37A01090) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724) 4 2 0 -16e(4Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -16e(4Y37A09724)				<u> </u>	_	_		<u> </u>	_	_	i
TS4300 (1600) with LTO9 (PA60) 4 3 0 -8e(TY37A01090) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A0837) 4 3 0 -8e(TY37A01091) 4 3 0 -8e(TY37A01091) 4 3 0 -8e(TY37A01090) 4 3 0 -8e(TY37A01090) 4 3 0 -8e(TY37A01090) 4 4 0 -16e(4Y37A09724) 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				•	-	-		Ť	_	•	_
TS4300 (1600) with LTO9 (PA60) 4 4 0 - 16e(4Y37A09724) 4 4 0 - 8e(4Y37A0837) 4 3 0 - 16e(7Y37A01091) 4 3 0 - 8e(7Y37A01090) 4 3 0 - 16e(4Y37A09724) 4 3 0 - 16e(4Y37A09724) 4 3 0 - 16e(4Y37A09724) 4 0 - 16e(4Y37A09724)			~	+-	Ť	_		-	_		—
TS4300 (1600) with LTO9HH (PA61) 4 4 0 -16e(4Y37A09724) 4 4 0 -8e(4Y37A01091) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	TS4300 (1600) with LTO9 (PA60)	4 3 0 -8e(7Y37A01090)	~	~	~	~		~	~	~	—
TS4300 (1600) with LTO9HH (PA61) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) V V V V V V V V V V V V V V V V V V V	. 5 . 5 5 (1000) WILLIE 105 (1 A00)	4 4 0 -16e(4Y37A09724)	~	~	~	~		~	~	~	~
TS4300 (1600) with LTO9HH (PA61) 4 3 0 -16e(7Y37A01091) 4 3 0 -8e(7Y37A01090) 4 4 0 -16e(4Y37A09724) V V V V V V V V V V V V V V V V V V V		4 4 0 -8e(4Y37A78837)	~	~	~	~		~	~	~	~
TS4300 (1600) with LTO9HH (PA61) 4 3 0 -8e(7Y37A01090)			V	~	~	~		V	V	~	~
4 4 0 -16e(4Y37A09724)				+	1			_	_		-
	TS4300 (1600) with LTO9HH (PA61)			+	1.1						-
4 4 0 -8e(4Y37A/8837)			<u> </u>	_	-	_		-	_	_	-
		4 4 0 -8e(4Y3/A/8837)	~	V	V	V		"	V	V	V

• Fibre Channel interface

·	•									
										ı
										1
									SP5	SP4
									2 S	5 S
			و	6	7				- 7	
			- 0	0	0 2	6.	∞.	.2		<u>-</u>
			7	7	7	7	•	6	Server	Server
				ē		ž	ž	ž	Š	Š
			e S	ē	ē	큰	-≒	흔	rise	rise
			ls S	VS S	VS S	se	se	ise	dua	дia
			ş	ခို	ş	ğ	ğ	ъ	üţ	ı te
			į.	Ę.	į.	te	te	ıte	×	×
			¥ >	£ \	Ę.	Ē	Ē	Ē	ĿĹ	ı.i
			osc	osc	osc	꾸	Ŧ	Ŧ	E	ш
SSIC Storage Version:	SAN Switch	НВА	Microsoft Windows Server	Microsoft Windows Server	Microsoft Windows Server	RedHat Enterprise Linux	RedHat Enterprise Linux	RedHat Enterprise Linux	SUSE Linux Enterprise	SUSE Linux Enterprise
TS4300 (1600) with LTO7 (P380)	DB610S(6559)	Emulex 1 6 GbG6 1 port FC(01CV830)	V	1	1	1			✓	V
134300 (1000) WITH ETOT (F380)			_				~	~	_	_
	DB620S(6415)	Emulex 1 6 GbG6 2 port FC(01CV840)	~	~	~	~	~	~	~	~
		QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	1	~	~	~
		QLogic E-G5 1 6 Gb 2 port FC(01CV760)	~	~	~	~	~	~	~	~
		QlogicQLE2740 3 2 Gb 1 port FC(7ZT7A00516)	~	1	~	~	~	1	~	~
		QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)	~	1	~	~	~	V	~	~
	direct •	QLogic E-G5 1 6 Gb 1 port FC(01CV750)	V	V	V	V	~	V	~	~
				-	-	-			_	_
	attach	QLogic E-G5 1 6 Gb 2 port FC(01CV760)	<u> </u>	1	~	~	~	~	~	~
TS4300 (1600) with LTO7HH (P381)	DB610S(6559)	Emulex 1 6 GbG6 1 port FC(01CV830)	~	~	~	~	~	~	~	~
	DB620S(6415)	Emulex 1 6 GbG6 2 port FC(01CV840)	~	~	~	~	~	~	~	~
		QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
		QLogic E-G5 1 6 Gb 2 port FC(01CV760)	V	~	~	~	~	~	~	~
		QlogicQLE2740 3 2 Gb 1 port FC(7ZT7A00516)	V	V	V	V	~	V	~	~
		QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)	V	V	V	V	~	V	~	~
	J			_	_	-			_	
	direct •	QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
	attach	QLogic E-G5 1 6 Gb 2 port FC(01CV760)	V	~	~	~	~	~	~	~
TS4300 (1600) with LTO8 (P380)	DB610S(6559)	Emulex 1 6 GbG6 1 port FC(01CV830)	~	~	~	~	~	~	~	~
	DB620S(6415)	Emulex 1 6 GbG6 2 port FC(01CV840)	~	~	1	1	~	~	~	~
		QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
		QLogic E-G5 1 6 Gb 2 port FC(01CV760)	V	V	V	V	~	V	~	~
		QlogicQLE2740 3 2 Gb 1 port FC(7ZT7A00516)	V	V	V	V	~	~	~	~
			~	~	V	V	~	~	~	~
	1	QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)		_	_	-	-		-	_
	direct •	QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
	attach	QLogic E-G5 1 6 Gb 2 port FC(01CV760)	~	~	~	~	~	1	~	~
TS4300 (1600) with LTO8HH (P381)	DB610S(6559)	Emulex 1 6 GbG6 1 port FC(01CV830)	~	~	~	~	~	~	~	~
	DB620S(6415)	Emulex 1 6 GbG6 2 port FC(01CV840)	V	V	~	~	~	~	~	~
	,	QLogic E-G5 1 6 Gb 1 port FC(01CV750)	V	V	V	V	~	V	~	~
		QLogic E-G5 1 6 Gb 2 port FC(01CV760)	V	V	V	V	~	~	~	~
			_	_	_	_		-	-	_
		QlogicQLE2740 3 2 Gb 1 port FC(7ZT7A00516)	<u> </u>	~	~	~	1	~	~	~
		QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)	~	~	~	~	~	~	~	~
	direct •	QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
	attach	QLogic E-G5 1 6 Gb 2 port FC(01CV760)	~	1	~	~	~	~	~	~
TS4300 (1600) with LTO9 (PA60)	DB610S(6559)	Emulex 1 6 GbG6 1 port FC(01CV830)	V	~	~	~	~	V	~	~
	DB620S(6415)	Emulex 1 6 GbG6 2 port FC(01CV840)	V	V	V	V	V	V	~	~
	DB0203(0113)		~	V	V	V			~	~
		QLogic E-G5 1 6 Gb 1 port FC(01CV750)			_	_	~	~	_	_
		QLogic E-G5 1 6 Gb 2 port FC(01CV760)	~	~	~	~	~	~	~	~
		QlogicQLE2740 3 2 Gb 1 port FC(7ZT7A00516)	V	~	~	~	~	~	~	~
		QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)	~	~	~	1	~	~	~	~
	direct •	QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
	attach	QLogic E-G5 1 6 Gb 2 port FC(01CV760)	V	V	V	V	V	V	1	~
TS4300 (1600) with LTO9HH (PA61)	DB610S(6559)	Emulex 1 6 GbG6 1 port FC(01CV830)	V	V	V	V	~	V	~	~
. 5 . 5 5 5 (1000) WIGHT ET OSHIT (1 7101)			_	-	_	_		_	_	
	DB620S(6415)	Emulex 1 6 GbG6 2 port FC(01CV840)	~	~	~	~	~	~	~	~
		QLogic E-G5 1 6 Gb 1 port FC(01CV750)	~	~	~	~	~	~	~	~
		QLogic E-G5 1 6 Gb 2 port FC(01CV760)	V	~	~	~	~	~	~	~
		QlogicQLE2740 3 2 Gb 1 port FC(7ZT7A00516)	~	~	~	~	~	~	~	~
				_					-	-
		QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)	~	~	~	~	~	~	'	~
	direct •	QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518)	V	7	_	٧ ٧	<u>ر</u>	7	٧ ٧	<u>٧</u>
	direct •	QLogicQLE2742 3 2 Gb 2 port FC(7ZT7A00518) QLogic E-G5 1 6 Gb 1 port FC(01CV750) QLogic E-G5 1 6 Gb 2 port FC(01CV760)	ン ン ン	レレ	ソソ	ソソ	ν ν	\ \ \	ソソ	ンソソ



Lenovo Services

This is an upgrade to the warranty/maintenance service level and service period for customers who purchase Lenovo Enterprise Solutions (LES) products. You can upgrade at a discounted price compared to the regular maintenance service fee.

LenovoServicesProduct Content

lovoservices) roduce contents					
Service details	Foundation (non-CRU)				
Service details	This is a maintenance service in which a technician will visit the customer's equipment installation site to repair it, even if the CRU is faulty.				
	The following will be added to the service:				
	Machine code (firmware, microcode, BIOS, storage manager, storage software) updates				
+ Value Selection	Troubleshooting and preventive maintenance. Preventive maintenance is performed once a year during regular inspections.				
	• Regular inspection (LES-specified machine cleaning, error log inspection, visual inspection of the machine for abnormal noise and odor) once a year				
	Machine code information is reported by email				
Service Period	Choose from 3 years, 4 years, 5 years, or 1 year from the start of the machine warranty period				
Service Hours	2 4 ×7Monday to Sunday 0 0:00 - 2 4:00 (24 hours x 7 days a week)				

* For details about CRUs, please refer to "Lenovo Server Product Warranty Information." http://www.lenovojp.com/server/systemguide/pdf/warranty.pdf

Important points to note when purchasing Lenovo Services

- 1. Lenovo Services can only be registered during the standard warranty period, and the 3-year, 4-year, and 5-year service periods include the warranty period. 1-year extended service can only be purchased and registered during the warranty period or maintenance contract period.
- 2 . The price for Lenovo Services product numbers is a one-time fee for the duration of the service (not a one-year fee).
- 3 . Machines eligible for sale by Lenovo Services may be added or removed from time to time. When purchasing Lenovo Services, please check the latest information by searching for machines eligible for Lenovo Services at the following URL:

 Lenovo Services: http://www.lenovojp.com/server/services/
- 4 . Lenovo Services registration deadline is 4 5 days after pack shipment.

TS2270 (6160S7E) [3-year parts/ 3 -year next-business-day on-site repair and warranty service (9 hours x 5 days/CRU)]

Lenovo Ser	vices		Standard price (excluding tax)
	0 1 EG300	Lenovo Services Foundation 3 Years 2 4 x7	2 7 8 ,000 yen
TS2270	0 1 EG302	Lenovo Services Foundation 4 Years 2 4 x7	5 6 5 ,000 yen
6 1 6 0 S7E	0 1 EG304	Lenovo Services Foundation 5 Years 2 4 x7	8 5 2 ,000 yen
	o o WX470	Lenovo Services Foundation 1 Year 2 4 x7	2 9 3 ,000 yen

TS2280 (6160S8E) [3-year parts/ 3 -year next-business-day on-site repair and warranty service (9 hours x 5 days/CRU)]

Lenovo Ser	Lenovo Services					
	5 WS7A15839	Lenovo Services Foundation 3 Year NBD	1 4 9 ,200 yen			
	5 WS7A15840	Lenovo Services Foundation 4 Year NBD	3 0 5 ,500 yen			
	5 WS7A15841	Lenovo Services Foundation 5 Year NBD	4 5 4 ,400 yen			
	5 WS7A15842	Lenovo Services Foundation 1 -Year Continuous NBD	1 4 6 ,700 yen			
TS2280	5 WS7A15843	Lenovo Services Foundation 2 -year continuous NBD	2 9 3 ,400 yen			
6 1 6 0 S8E	5 WS7A15844	Lenovo Services Foundation 3 Years 2 4 x7	2 0 8 ,300 yen			
	5 WS7A15845	Lenovo Services Foundation 4 Years 2 4 x7	4 1 6 ,000 yen			
	5 WS7A15846	Lenovo Services Foundation 5 Years 2 4 x7	6 1 3 ,900 yen			
	5 WS7A15847	Lenovo Services Foundation 1 Year 2 4 x7	1 9 4 ,900 yen			
	5 WS7A15848	Lenovo Services Foundation 2 - Year 2 4 x7	3 8 9 ,800 yen			

TS2290 (6160S9E) [3-year parts/ 3 -year next-business-day on-site repair and warranty service (9 hours x 5 days/CRU)]

Lenovo Serv	/ices		Standard price (excluding tax)
	5 WS7B07622	Lenovo Services Foundation 3 Year NBD	2 9 3 ,700 yen
	5 WS7B07623	Lenovo Services Foundation 4 Year NBD	5 4 6 ,700 yen
	5 WS7B07624	Lenovo Services Foundation 5 Year NBD	7 9 9,600 yen
	5 WS7B07625	Lenovo Services Foundation 1 -Year Continuous NBD	2 6 6,800 yen
TS2290	5 WS7B07626	Lenovo Services Foundation 2 -year continuous NBD	5 3 3,400 yen
6 1 6 0 S9E	5 WS7B07627	Lenovo Services Foundation 3 Years 2 4 x7	3 4 0 ,000 yen
	5 WS7B07628	Lenovo Services Foundation 4 Years 2 4 x7	7 0 6 ,300 yen
	5 WS7B07629	Lenovo Services Foundation 5 Years 2 4 x7	1 ,072,300 yen
	5 WS7B07630	Lenovo Services Foundation 1 Year 2 4 x7	3 8 6 ,000 yen
	5 WS7B07631	Lenovo Services Foundation 2 -Year 2 4 x7	7 7 2 ,000 yen

TS2900 (6171S7R) [1-year parts/ 1 -year next-business-day on-site repair and warranty service (9 hours x 5 days/CRU)]

Lenovo Ser	vices		Standard price (excluding tax)
	0 1 EG306	Lenovo Services Foundation 3 Years 2 4 x7	5 7 1,700 yen
TS2900	0 1 EG308	Lenovo Services Foundation 4 Years 2 4 x7	8 2 2 ,400 yen
6 1 7 1 S7R	0 1 EG310	Lenovo Services Foundation 5 Years 2 4 x7	1 ,073,000 yen
	0 0 WX472	Lenovo Services Foundation 1 Year 2 4 x7	2 0 6 ,800 yen

 $TS2900 \ (6171S8R) \ [1-year parts/\ 1-year next-business-day \ on-site \ repair \ and \ warranty \ service \ (9 \ hours \ x \ 5 \ days/CRU)]$

Lenovo Ser	vices		Standard price (excluding tax)
	5 WS7A15874	Lenovo Services Foundation 1 Year NBD	3 2 ,000 yen
	5 WS7A15875	Lenovo Services Foundation 3 Year NBD	3 4 1 ,800 yen
	5 WS7A15876	Lenovo Services Foundation 4 Year NBD	4 8 7 ,700 yen
	5 WS7A15877	Lenovo Services Foundation 5 Year NBD	6 2 5 ,300 yen
	5 WS7A15878	Lenovo Services Foundation 1 -Year Continuous NBD	1 4 2 ,600 yen
TS2900	5 WS7A15879	Lenovo Services Foundation 2 -year continuous NBD	2 8 5 ,200 yen
6 1 7 1 S8R	5 WS7A15880	Lenovo Services Foundation 1 Year 2 4 x7	5 9 ,300 yen
	5 WS7A15881	Lenovo Services Foundation 3 Years 2 4 x7	4 7 2 ,100 yen
	5 WS7A15882	Lenovo Services Foundation 4 Years 2 4 x7	6 6 6,700 yen
	5 WS7A15883	Lenovo Services Foundation 5 Years 2 4 x7	8 5 0 ,000 yen
	5 WS7A15884	Lenovo Services Foundation 1 Year 2 4 x7	1 9 0 ,000 yen
	5 WS7A15885	Lenovo Services Foundation 2 - Year 2 4 x7	3 8 0 ,000 yen

 $TS2900 \ (6171S9R) \ [1-year\ parts/\ 1-year\ next-business-day\ on-site\ repair\ and\ warranty\ service\ (9\ hours\ x\ \ 5\ \ days/CRU)]$

Lenovo Ser	vices		Standard price (excluding tax)
	5 WS7B07580	Lenovo Services Foundation 1 Year NBD	9 6 ,400 yen
	5 WS7B07581	Lenovo Services Foundation 3 Year NBD	8 0 8 ,500 yen
	5 WS7B07582	Lenovo Services Foundation 4 Year NBD	1 ,077,900 yen
	5 WS7B07583	Lenovo Services Foundation 5 Year NBD	1 ,174,100 yen
	5 WS7B07584	Lenovo Services Foundation 1 -Year Continuous NBD	3 6 5 ,300 yen
TS2900	5 WS7B07585	Lenovo Services Foundation 2 -year continuous NBD	7 3 0 ,500 yen
6 1 7 1 S9R	5 WS7B07586	Lenovo Services Foundation 1 Year 2 4 x7	1 1 1,600 yen
	5 WS7B07587	Lenovo Services Foundation 3 Years 2 4 x7	1 ,170,000 yen
	5 WS7B07588	Lenovo Services Foundation 4 Years 2 4 x7	1 ,560,000 yen
	5 WS7B07589	Lenovo Services Foundation 5 Years 2 4 x7	1 ,671,600 yen
	5 WS7B07590	Lenovo Services Foundation 1 Year 2 4 x7	5 6 0 ,700 yen
	5 WS7B07591	Lenovo Services Foundation 2 - Year 2 4 x7	1 ,121,300 yen

TS4300 (6741B1F) Base Unit [3-year parts/3-year next-business-day repair and warranty service (9 hours x 5 days/CRU)]

Lenovo Services			Standard price (excluding tax)
TS4300 6 7 4 181F [6741L1U]	5 WS7A03796	Lenovo Services Foundation 3 Year NBD	1 6 4 ,200 yen
	5 WS7A03797	Lenovo Services Foundation 4 Year NBD	4 8 4 ,600 yen
	5 WS7A03798	Lenovo Services Foundation 5 Year NBD	8 0 5 ,000 yen
	5 WS7A03799	Lenovo Services Foundation 1 -Year Continuous NBD	3 2 0 ,400 yen
	5 WS7A03800	Lenovo Services Foundation 2 -year continuous NBD	6 4 0 ,800 yen
	5 WS7A03801	Lenovo Services Foundation 3 Years 2 4 x7	1 9 7 ,000 yen
	5 WS7A03802	Lenovo Services Foundation 4 Years 2 4 x7	5 8 1 ,400 yen
	5 WS7A03803	Lenovo Services Foundation 5 Years 2 4 x7	9 6 5 ,800 yen
	5 WS7A03804	Lenovo Services Foundation 1 Year 2 4 x7	3 8 4 ,400 yen
	5 WS7A03805	Lenovo Services Foundation 2 -Year 2 4 x7	7 6 8 ,800 yen

TS4300 (6741B3F) Expansion Unit [3-year parts/ 3 -year next-business-day repair/warranty service (9 hours x 5 days/CRU)]

Lenovo Services			Standard price (excluding tax)
TS4300 6 7 4 1 B3F [6741L3U]	5 WS7A03957	Lenovo Services Foundation 3 Year NBD	9 1 ,300 yen
	5 WS7A03958	Lenovo Services Foundation 4 Year NBD	2 5 0 ,400 yen
	5 WS7A03959	Lenovo Services Foundation 5 Year NBD	4 0 9 ,500 yen
	5 WS7A03960	Lenovo Services Foundation 1 -Year Continuous NBD	1 5 9 ,100 yen
	5 WS7A03961	Lenovo Services Foundation 2 -year continuous NBD	3 1 8 ,200 yen
	5 WS7A03962	Lenovo Services Foundation 3 Years 2 4 x7	1 0 9 ,500 yen
	5 WS7A03963	Lenovo Services Foundation 4 Years 2 4 x7	з о о ,400 yen
	5 WS7A03964	Lenovo Services Foundation 5 Years 2 4 x7	4 9 1 ,300 yen
	5 WS7A03965	Lenovo Services Foundation 1 Year 2 4 x7	1 9 0 ,900 yen
	5 WS7A03966	Lenovo Services Foundation 2 -Year 2 4 x7	3 8 1 ,800 yen

Installation assistance/software support

• Setup Support 9 0 (standard attachment to system device)

This service answers technical inquiries regarding installation for three months from the warranty start date.

	Service	details	
--	---------	---------	--

- Support for the installation and initial setup of the main unit, and the installation and setup of each optional product Support for any questions about the included technical documentation
- If a problem occurs during initial setup, we will help you solve the problem based on known information.

Service hours

• Monday to Friday 9:00-17:00 (excluding public holidays and December 3 0 th to January 3 rd).

 $For more information, please \ refer to the \ URL \ below. \\ \underline{http://www.lenovojp.com/server/services/ss90mail.shtml}$

—Hardware and software installation support

■ Platform implementation service

The platform implementation service involves visiting your site to install Lenovo hardware, software, and apply firmware. The service covers the entire Japanese area and is available during standard business hours (Monday-Friday 9:00-18:00 (excluding public holidays and the New Year holidays)), as well as outside of standard business hours. Please select the option that best suits your work schedule. Technicians with extensive knowledge and skills in Lenovo products will visit you to install the hardware, software, etc., so you can trust us with peace of mind.

Service Model Number	Maintenance Service Name
5 AS7A02365	Equipment installation service - Storage (Standard) [within standard hours]
5 AS7A02367	Equipment Installation Service - Storage (Standard) [Outside of Standard Hours]

Standard hours: Monday to Friday 9:00-18:00 (excluding public holidays and the New Year holidays)

work item	Work content • Work will not be carried out on any items other than those listed below.
Equipment installation service	Confirmation of delivery of target device
~Storage	Built-in disk storage
	Installation and cabling work according to the specified rack installation diagram and connection wiring information. Creation and attachment of cable labels for
	the cables to be wired (connection wiring information required). Transporting used packaging materials to the customer's designated waste disposal area and
	recycling facility within the facility, or to a designated location near the installation site.

Regarding product inquiries



🝱 Tech | ISR@lenovo.com

Server/storage products (ThinkSystem/Systemx/ThinkServer/storage/network products) (including direct sales customers)

Contact point for hardware and software failures and initial defects of purchased products



0 1 2 0 -34-0000

[IBM Service Line]

(Toll-free number) Follow the guidance and select a contact point.

Dedicated reception desk for customers who have contracted for Premier Support Service, and customers who have purchased ThinkAgile products and Lenovo OEM VMware products*



0 1 2 0 -66-8600

* This number will be accepted for VMware products released after December 2 6, 2 0 1 7.

Reception hours: 2 4 hours

• Post-purchase installation setup technical consultation (Setup Support 9 0)



xserver@lenovo.com

(Inquiries by email only.)

Installation setup is technical support for the initial installation of Lenovo's OEMOS products. Please refer to the URL below (Lenovo Setup Support 9 0) for information on how to contact us and how we can assist you



https://support.lenovo.com/jp/ja/solutions/HT511788

General service inquiries

Service reception desk



serviceqa@lenovo.com

others

Contact point for export control non-applicability certificate application

The following dedicated website is available:



http://www.lenovo.com/jp/info/export.html

IWS International Hardware Warranty Service

For details about the IWS International Hardware Warranty Service, please refer to the following website:



https://datacentersupport.lenovo.com/jp/ja/solutions/HT505205

On the above website, please click on the link for the applicable product to check the support site for the applicable product (machine type) and the countries in which IWS is implemented for each applicable product

Product photos used in this catalog may differ in part from those at the time of shipment. Specifications are subject to change without notice. All data in the display screens and printed report output examples is fictitious unless otherwise noted. Screens are composite images and may differ from the actual display. For details about products and services, please consult our sales representatives or those of our business partners. The "direct price," "recommended retail price," "maintenance fee," "fee," and "campaign price" listed in this catalog are direct sales prices and do not bind the sales prices of resellers such as business partners. Prices are current as of October 2 0 2 5 and are subject to change without notice. For the latest prices, please refer to our we bsite. The packaging and contents of software products pre-installed or included with the products listed in this catalog may differ from those commercially available.

Lenovo, Lenovo, the Lenovo logo, Blade Center, eXFlash, Flex System, iDataPlex, NeXtScale, NeXtScale, System, ServerRAID, ServerProven, System x, ThinkCentre, ThinkPad, ThinkStation, ThinkServer, New World System, Server Rail Data Plance System, ServerNew Thinking, ThinkVantage, ThinkVision, ThinkPlus, TrackPoint, TruDDR4, Rescue and Recovery, and UltraNay are trademarks of Lenovo Corporation, IBM, the IBM logo, ibm.com, IBM Flex System, Storwize, System Storage, and Tivoli are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at www.ibm.com/legal/copytrade.shtml. Microsoft, Windows, the Windows logo, Windows Vista start button, Windows Aero, Windows BitLocker, Windows Library Windows Window HotStart, Windows Live, Windows Media, Windows ReadyBoost, Windows ReadyDrive, Windows Server, Windows SideShow, Windows SuperFetch, Windows Vista, DirectX, Internet Explorer, Xbox 3 6 0, Excel, InfoPath, OneNote, Outlook, PowerPoint, Visio, the Office logo, and IntelliMouse are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Intel, the Intel logo, Intel Inside, the Intel Inside logo, Intel Atom, Intel Atom Inside, Intel Core, Core Inside, Intel VPro, vPro Inside, Celeron, Celeron Inside, Itanium, Itanium Inside, Pentium, Pentium Inside, Xeon, Xeon Inside, and Ultrabook are trademarks of Intel Corporation in the United States and/or other countries. Linux is a trademark of Linus Torvalds in the United States and/or other countries. UNIX is a registered trademark of The Open Group in the United States and/or other countries. LTO and Ultrium are trademarks of HP, IBM Corp. and Quantum in the United States and other countries. Other company names, product names, service names, etc. are trademarks or registered trademarks of their respective companies.

