



Lenovo ThinkSystem HDD Summary

Reference Information

Overview

Lenovo offers a broad range of hard disk drives (HDD) ranging from entry-level drives to industry leading capacity and high-RPM offerings. Lenovo HDDs are optimized to deliver maximum performance on Lenovo ThinkSystem servers and all HDDs undergo stringent compatibility and reliability testing to ensure best performance in 24x7 operational environments.

Lenovo HDDs are available with a variety of features:

- 3.5-inch or 2.5-inch form factors
- Hot-swap, simple-swap or non-hot-swap trays
- 12 Gbps or 6 Gbps interface speeds
- SAS, NL SAS or NL SATA protocols
- 15K, 10K or 7200 RPM rotational speeds
- Self-encrypting drives (SEDs)
- Capacities up to 16TB

Lenovo HDDs provide outstanding performance, high capacity and reliability.

- Outstanding performance for all mission critical applications
Enterprise HDDs with enhanced sequential and random read/write performance, designed for critical business applications
- Offering highest capacity HDDs from industry leaders
Lenovo offers a wide range of HDDs from storage industry leaders to ensure the best technology and highest capacity points are available to our customers
- Excellent reliability and performance in 24x7 operational environments
Lenovo uses comprehensive validation and quality control measures to ensure best reliability and performance for all application workloads under 24x7 operation
- Protect data with Self-Encrypting drives
Lenovo offers Self-encrypting drives to protect customer data against loss or theft as well as secure drive retirement, disposal, or repurposing
- Helium-filled drive assemblies for drives 12TB and larger
Helium provides a more stable environment and less turbulence and resistance to the flying heads. This enables a larger number of platters which results in larger storage capacity. The use of Helium also results in lower power consumption compared to air-filled drives.

Workload limit: All 7200 RPM NL SAS and NL SATA drives have a workload limit of 550TB/year. 10K and 15K SAS drives do not have a workload limit.

The following tables list the HDDs available for ThinkSystem servers. They are grouped as follows:

- [2.5-inch Hot Swap drives](#)
- [3.5-inch Hot Swap drives](#)
- [Simple Swap drives](#)

2.5-inch Hot Swap drives

The following tables list the ThinkSystem servers that are compatible.

Table 1. ThinkSystem server support (Part 1)

Part number	Description	Intel 2S								AMD			
		ST550 (7X09/7X10)	SR530 (7X07/7X08)	SR550 (7X03/7X04)	SR570 (7Y02/7Y03)	SR590 (7X98/7X99)	SR630 (7X01/7X02)	SR650 (7X05/7X06)	SR670 (7Y36/37/38)	SR635 (7Y98/7Y99)	SR655 (7Y00/7Z01)	SR645 (7D2Y/7D2X)	SR665 (7D2W/7D2V)
2.5-inch hot-swap HDDs - 12 Gb SAS 10K													
7XB7A00024	2.5" 300GB 10K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7XB7A00025	2.5" 600GB 10K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7XB7A00026	2.5" 900GB 10K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N
7XB7A00027	2.5" 1.2TB 10K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7XB7A00028	2.5" 1.8TB 10K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00069	2.5" 2.4TB 10K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
2.5-inch hot-swap HDDs - 12 Gb SAS 15K													
7XB7A00021	2.5" 300GB 15K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00022	2.5" 600GB 15K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00023	2.5" 900GB 15K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
2.5-inch hot-swap HDDs - 12 Gb NL SAS													
7XB7A00034	2.5" 1TB 7.2K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00035	2.5" 2TB 7.2K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
2.5-inch hot-swap SED HDDs - 12 Gb SAS 10K													
7XB7A00030	2.5" 300GB 10K SAS 12Gb Hot Swap 512n HDD SED	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
7XB7A00031	2.5" 600GB 10K SAS 12Gb Hot Swap 512n HDD SED	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00033	2.5" 1.2TB 10K SAS 12Gb Hot Swap 512n HDD SED	Y	N	N	N	N	Y	Y	N	N	N	Y	Y
7XB7A00070	2.5" 2.4TB 10K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	Y	Y	N	N	N	Y	Y
2.5-inch hot-swap SED HDDs - 12 Gb NL SAS													
7XB7A00064	2.5" 2TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	Y	Y	N	N	N	N	N
2.5-inch hot-swap HDDs - 6 Gb NL SATA													
7XB7A00036	2.5" 1TB 7.2K SATA 6Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7XB7A00037	2.5" 2TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Table 2. ThinkSystem server support (Part 2)

Part number	Description	E		1S Intel				4S Intel				Dense/ Blade			
		SE350 (7Z46/7D1X)	ST50 (7Y48/7Y50)	ST250 (7Y45/7Y46)	SR150 (7Y54)	SR250 (7Y51/7Y52)	SR850 (7X18/7X19)	SR850P (7D2F/2D2G)	SR860 (7X69/7X70)	SR950 (7X11/12/13)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
2.5-inch hot-swap HDDs - 12 Gb SAS 10K															
7XB7A00024	2.5" 300GB 10K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00025	2.5" 600GB 10K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00026	2.5" 900GB 10K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00027	2.5" 1.2TB 10K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00028	2.5" 1.8TB 10K SAS 12Gb Hot Swap 512e HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00069	2.5" 2.4TB 10K SAS 12Gb Hot Swap 512e HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
2.5-inch hot-swap HDDs - 12 Gb SAS 15K															
7XB7A00021	2.5" 300GB 15K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00022	2.5" 600GB 15K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00023	2.5" 900GB 15K SAS 12Gb Hot Swap 512e HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
2.5-inch hot-swap HDDs - 12 Gb NL SAS															
7XB7A00034	2.5" 1TB 7.2K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00035	2.5" 2TB 7.2K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
2.5-inch hot-swap SED HDDs - 12 Gb SAS 10K															
7XB7A00030	2.5" 300GB 10K SAS 12Gb Hot Swap 512n HDD SED	N	N	Y	N	Y	Y	Y	Y	Y	N	N	Y	Y	
7XB7A00031	2.5" 600GB 10K SAS 12Gb Hot Swap 512n HDD SED	N	N	N	N	N	Y	Y	Y	Y	N	N	Y	Y	
7XB7A00033	2.5" 1.2TB 10K SAS 12Gb Hot Swap 512n HDD SED	N	N	N	N	N	Y	Y	Y	Y	N	N	Y	Y	
7XB7A00070	2.5" 2.4TB 10K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	N	N	N	N	Y	N	N	N	
2.5-inch hot-swap SED HDDs - 12 Gb NL SAS															
7XB7A00064	2.5" 2TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	N	N	N	N	Y	N	N	N	
2.5-inch hot-swap HDDs - 6 Gb NL SATA															
7XB7A00036	2.5" 1TB 7.2K SATA 6Gb Hot Swap 512n HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	
7XB7A00037	2.5" 2TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y	

2.5-inch VLH drive offerings

The drives in the following table are available from Lenovo under the Vendor Logo Hardware (VLH) program.

Table 3. ThinkSystem server support

Description and part number	E	1S Intel				2S Intel						AMD				4S Intel				Dense/ Blade						
	SE350 (7Z46/7D1X)	ST50 (7Y48/7Y50)	ST250 (7Y45/7Y46)	SR150 (7Y54)	SR250 (7Y51/7Y52)	ST550 (7X09/7X10)	SR530 (7X07/7X08)	SR550 (7X03/7X04)	SR570 (7Y02/7Y03)	SR590 (7X98/7X99)	SR630 (7X01/7X02)	SR650 (7X05/7X06)	SR670 (7Y36/37/38)	SR635 (7Y98/7Y99)	SR655 (7Y00/7Z01)	SR645 (7D2Y/7D2X)	SR665 (7D2W/7D2V)	SR850 (7X18/7X19)	SR850P (7D2F/2D2G)	SR860 (7X69/7X70)	SR950 (7X11/12/13)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
300G 15K SED SAS HDD (Seagate ST300MP0016), 4HD7A64418	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N
600G 15K SED SAS HDD (Seagate ST600MP0016), 4HD7A64111	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N

3.5-inch Hot Swap drives

The 3.5-inch drives are grouped into 12Gb SAS drives and 6Gb SATA drives.

3.5-inch 12Gb SAS HDDs

The following tables list the ThinkSystem servers that are compatible.

Table 4. ThinkSystem server support (Part 1)

Part number	Description	Intel 2S							AMD				
		ST550 (7X09/7X10)	SR530 (7X07/7X08)	SR550 (7X03/7X04)	SR570 (7Y02/7Y03)	SR590 (7X98/7X99)	SR630 (7X01/7X02)	SR650 (7X05/7X06)	SR670 (7Y36/37/38)	SR635 (7Y98/7Y99)	SR655 (7Y00/7Z01)	SR645 (7D2Y/7D2X)	SR665 (7D2W/7D2V)
3.5-inch hot-swap HDDs - 12 Gb SAS 10K													
7XB7A00063	3.5" 300GB 10K SAS 12Gb Hot Swap 512n HDD	N	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N
3.5-inch hot-swap HDDs - 12 Gb SAS 15K													
7XB7A00038	3.5" 300GB 15K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y
7XB7A00039	3.5" 600GB 15K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00040	3.5" 900GB 15K SAS 12Gb Hot Swap 512e HDD	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
3.5-inch hot-swap HDDs - 12 Gb NL SAS													
7XB7A00041	3.5" 1TB 7.2K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
7XB7A00042	3.5" 2TB 7.2K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00043	3.5" 4TB 7.2K SAS 12Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00044	3.5" 6TB 7.2K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00045	3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
4XB7A17222	SR635 3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	Y	N	N	N
7XB7A00046	3.5" 10TB 7.2K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00067	3.5" 12TB 7.2K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
4XB7A17223	SR635 3.5" 12TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	Y	N	N	N
4XB7A13906	3.5" 14TB 7.2K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
4XB7A17224	SR635 3.5" 14TB 7.2K SAS 12Gb Hot Swap 512e	N	N	N	N	N	N	N	N	Y	N	N	N
4XB7A13911	3.5" 16TB 7.2K SAS 12Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
3.5-inch hot-swap SED HDDs - 12 Gb NL SAS													
7XB7A00065	3.5" 2TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	Y	Y	N	N	N	N	N
7XB7A00047	3.5" 4TB 7.2K SAS 12Gb Hot Swap 512n HDD FIPS	N	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N
7XB7A00048	3.5" 6TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	Y	Y	N	Y	Y	N	N
7XB7A00066	3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	Y	Y	N	N	N	Y	Y

Table 5. ThinkSystem server support (Part 2)

Part number	Description	E	1S Intel				4S Intel				Dense/ Blade			
		SE350 (7Z46/7D1X)	ST50 (7Y48/7Y50)	ST250 (7Y45/7Y46)	SR150 (7Y54)	SR250 (7Y51/7Y52)	SR850 (7X18/7X19)	SR850P (7D2F/2D2G)	SR860 (7X69/7X70)	SR950 (7X11/12/13)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
3.5-inch hot-swap HDDs - 12 Gb SAS 10K														
7XB7A00063	3.5" 300GB 10K SAS 12Gb Hot Swap 512n HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
3.5-inch hot-swap HDDs - 12 Gb SAS 15K														
7XB7A00038	3.5" 300GB 15K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
7XB7A00039	3.5" 600GB 15K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
7XB7A00040	3.5" 900GB 15K SAS 12Gb Hot Swap 512e HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
3.5-inch hot-swap HDDs - 12 Gb NL SAS														
7XB7A00041	3.5" 1TB 7.2K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
7XB7A00042	3.5" 2TB 7.2K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
7XB7A00043	3.5" 4TB 7.2K SAS 12Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
7XB7A00044	3.5" 6TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
7XB7A00045	3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N
4XB7A17222	SR635 3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
7XB7A00046	3.5" 10TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
7XB7A00067	3.5" 12TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A17223	SR635 3.5" 12TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A13906	3.5" 14TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A17224	SR635 3.5" 14TB 7.2K SAS 12Gb Hot Swap 512e	N	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A13911	3.5" 16TB 7.2K SAS 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N
3.5-inch hot-swap SED HDDs - 12 Gb NL SAS														
7XB7A00065	3.5" 2TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	N	N	N	N	N	N	N	N
7XB7A00047	3.5" 4TB 7.2K SAS 12Gb Hot Swap 512n HDD FIPS	N	N	N	N	N	N	N	N	N	N	N	N	N
7XB7A00048	3.5" 6TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	N	N	N	N	N	N	N	N
7XB7A00066	3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD FIPS	N	N	N	N	N	N	N	N	N	N	N	N	N

3.5-inch 6Gb SATA HDDs

The following tables list the ThinkSystem servers that are compatible.

Table 6. ThinkSystem server support (Part 1)

Part number	Description	Intel 2S							AMD			
		ST550 (7X09/7X10)	SR530 (7X07/7X08)	SR550 (7X03/7X04)	SR570 (7Y02/7Y03)	SR590 (7X98/7X99)	SR630 (7X01/7X02)	SR650 (7X05/7X06)	SR670 (7Y36/37/38)	SR635 (7Y98/7Y99)	SR655 (7Y00/7Z01)	SR645 (7D2Y/7D2X)
3.5-inch hot-swap HDDs - 6 Gb NL SATA												
7XB7A00049	3.5" 1TB 7.2K SATA 6Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y
7XB7A00050	3.5" 2TB 7.2K SATA 6Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00051	3.5" 4TB 7.2K SATA 6Gb Hot Swap 512n HDD	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00052	3.5" 6TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00053	3.5" 8TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
4XB7A17225	SR635 3.5" 8TB 7.2K SATA 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	Y	N	N	N
7XB7A00054	3.5" 10TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
7XB7A00068	3.5" 12TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
4XB7A17226	SR635 3.5" 12TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	Y	N	N	N
4XB7A38184	SR635 3.5" 14TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	Y	N	N	N
4XB7A13907	3.5" 14TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y
4XB7A13914	3.5" 16TB 7.2K SATA 6Gb Hot Swap 512e HDD	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y

Table 7. ThinkSystem server support (Part 2)

Part number	Description	E		1S Intel				4S Intel				Dense/ Blade			
		SE350 (7Z46/7D1X)	ST50 (7Y48/7Y50)	ST250 (7Y45/7Y46)	SR150 (7Y54)	SR250 (7Y51/7Y52)	SR850 (7X18/7X19)	SR850P (7D2F/2D2G)	SR860 (7X69/7X70)	SR950 (7X11/12/13)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
3.5-inch hot-swap HDDs - 6 Gb NL SATA															
7XB7A00049	3.5" 1TB 7.2K SATA 6Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N	
7XB7A00050	3.5" 2TB 7.2K SATA 6Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N	
7XB7A00051	3.5" 4TB 7.2K SATA 6Gb Hot Swap 512n HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N	
7XB7A00052	3.5" 6TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N	
7XB7A00053	3.5" 8TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	Y	N	Y	N	N	N	N	N	N	N	N	
4XB7A17225	SR635 3.5" 8TB 7.2K SATA 12Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
7XB7A00054	3.5" 10TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
7XB7A00068	3.5" 12TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
4XB7A17226	SR635 3.5" 12TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
4XB7A38184	SR635 3.5" 14TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13907	3.5" 14TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13914	3.5" 16TB 7.2K SATA 6Gb Hot Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	

Simple Swap drives

The following tables list the ThinkSystem servers that are compatible.

Table 8. ThinkSystem server support (Part 1)

Part number	Description	Intel 2S								AMD			
		ST550 (7X09/7X10)	SR530 (7X07/7X08)	SR550 (7X03/7X04)	SR570 (7Y02/7Y03)	SR590 (7X98/7X99)	SR630 (7X01/7X02)	SR650 (7X05/7X06)	SR670 (7Y36/37/38)	SR635 (7Y98/7Y99)	SR655 (7Y00/7Z01)	SR645 (7D2Y/7D2X)	SR665 (7D2W/7D2V)
3.5-inch simple-swap HDDs - 6 Gb NL SATA													
7XB7A00055	1TB 7.2K 6Gbps SATA 3.5" Simple Swap 512n HDD	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
7XB7A00056	2TB 7.2K 6Gbps SATA 3.5" Simple Swap 512n HDD	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
7XB7A00057	4TB 7.2K 6Gbps SATA 3.5" Simple Swap 512n HDD	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
7XB7A00058	6TB 7.2K 6Gbps SATA 3.5" Simple Swap 512e HDD	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
7XB7A00059	8TB 7.2K 6Gbps SATA 3.5" Simple Swap 512e HDD	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
7XB7A00060	3.5" 10TB 7.2K SATA 6Gb Simple Swap 512e HDD	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
4XB7A13554	ST50 3.5" 1TB 7.2K SATA 6Gb Non-HS 512n HDD	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A13555	ST50 3.5" 2TB 7.2K SATA 6Gb Non-HS 512n HDD	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A13556	ST50 3.5" 4TB 7.2K SATA 6Gb Non-HS 512n HDD	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A13557	ST50 3.5" 6TB 7.2K SATA 6Gb Non-HS 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N
4XB7A13558	ST50 3.5" 8TB 7.2K SATA 6Gb Non-HS 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N

Table 9. ThinkSystem server support (Part 2)

Part number	Description	E		1S Intel				4S Intel				Dense/ Blade			
		SE350 (7Z46/7D1X)	ST50 (7Y48/7Y50)	ST250 (7Y45/7Y46)	SR150 (7Y54)	SR250 (7Y51/7Y52)	SR850 (7X18/7X19)	SR850P (7D2F/2D2G)	SR860 (7X69/7X70)	SR950 (7X11/12/13)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
3.5-inch simple-swap HDDs - 6 Gb NL SATA															
7XB7A00055	1TB 7.2K 6Gbps SATA 3.5" Simple Swap 512n HDD	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	
7XB7A00056	2TB 7.2K 6Gbps SATA 3.5" Simple Swap 512n HDD	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	
7XB7A00057	4TB 7.2K 6Gbps SATA 3.5" Simple Swap 512n HDD	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	
7XB7A00058	6TB 7.2K 6Gbps SATA 3.5" Simple Swap 512e HDD	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	
7XB7A00059	8TB 7.2K 6Gbps SATA 3.5" Simple Swap 512e HDD	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	
7XB7A00060	3.5" 10TB 7.2K SATA 6Gb Simple Swap 512e HDD	N	N	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13554	ST50 3.5" 1TB 7.2K SATA 6Gb Non-HS 512n HDD	N	Y	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13555	ST50 3.5" 2TB 7.2K SATA 6Gb Non-HS 512n HDD	N	Y	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13556	ST50 3.5" 4TB 7.2K SATA 6Gb Non-HS 512n HDD	N	Y	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13557	ST50 3.5" 6TB 7.2K SATA 6Gb Non-HS 512e HDD	N	Y	N	N	N	N	N	N	N	N	N	N	N	
4XB7A13558	ST50 3.5" 8TB 7.2K SATA 6Gb Non-HS 512e HDD	N	Y	N	N	N	N	N	N	N	N	N	N	N	

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Product families related to this document are the following:

- [Drives](#)

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