

ThinkSystem Ethernet Adapter Reference

Reference Information

Lenovo offers a broad range of Ethernet adapters from the industry's leading suppliers. We also offer adapters in a wide range of form factors to take advantage of the capabilities of our servers.

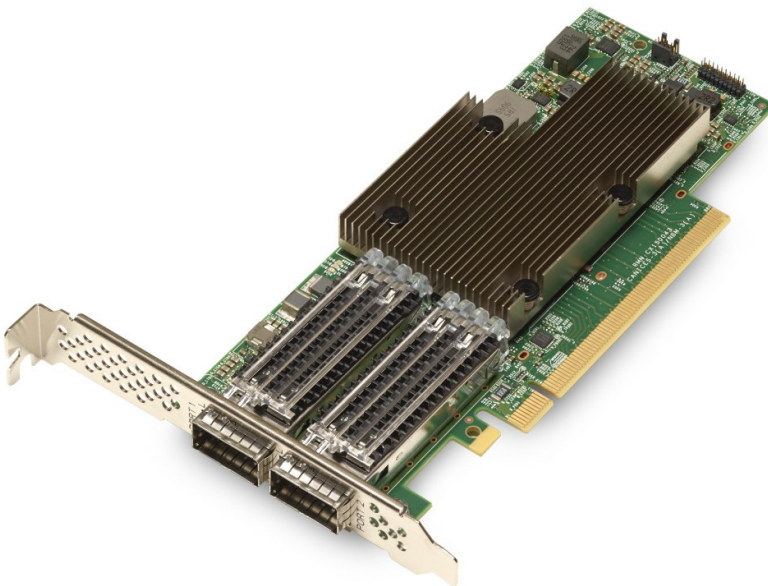


Figure 1. ThinkSystem Broadcom 57508 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter

This document presents a list of all Ethernet adapters currently offered for the ThinkSystem server portfolio and the servers that are supported by each adapter.

For details about these adapters, including technical specifications and operating system support, see the relevant product guides:

https://lenovopress.com/servers/options/ethernet#resource_type=product-guide

PCIe adapters

This section lists the available PCIe adapters:

- [PCIe - Gigabit Ethernet](#)
- [PCIe - 10Gb Ethernet - 10GBASE-T](#)
- [PCIe - 10Gb Ethernet - SFP+](#)
- [PCIe - 25Gb Ethernet](#)
- [PCIe - 40Gb Ethernet and InfiniBand VPI](#)
- [PCIe - 100Gb Ethernet and InfiniBand VPI](#)
- [PCIe - 200Gb Ethernet and InfiniBand VPI](#)
- [PCIe - OPA adapters](#)

PCIe - Gigabit Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 1. PCIe - Gigabit Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2			AMD V3				Intel V3			Dense V3				
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)
7ZT7A00484	ThinkSystem Broadcom 5719 1GbE RJ45 4-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
7ZT7A00482	ThinkSystem Broadcom 5720 1GbE RJ45 2-Port PCIe Ethernet Adapter	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00534	ThinkSystem I350-T2 PCIe 1Gb 2-Port RJ45 Ethernet Adapter	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00535	ThinkSystem I350-T4 PCIe 1Gb 4-Port RJ45 Ethernet Adapter	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N

Table 2. PCIe - Gigabit Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1			
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
7ZT7A00484	ThinkSystem Broadcom 5719 1GbE RJ45 4-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y
7ZT7A00482	ThinkSystem Broadcom 5720 1GbE RJ45 2-Port PCIe Ethernet Adapter	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y
7ZT7A00534	ThinkSystem I350-T2 PCIe 1Gb 2-Port RJ45 Ethernet Adapter	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y
7ZT7A00535	ThinkSystem I350-T4 PCIe 1Gb 4-Port RJ45 Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y

Table 3. PCIe - Gigabit Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST150 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
7ZT7A00484	ThinkSystem Broadcom 5719 1GbE RJ45 4-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
7ZT7A00482	ThinkSystem Broadcom 5720 1GbE RJ45 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
7ZT7A00534	ThinkSystem I350-T2 PCIe 1Gb 2-Port RJ45 Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
7ZT7A00535	ThinkSystem I350-T4 PCIe 1Gb 4-Port RJ45 Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N

PCIe - 10Gb Ethernet - 10GBASE-T

The following tables list the ThinkSystem servers that are compatible.

Table 4. PCIe - 10Gb Ethernet - 10GBASE-T (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2			AMD V3				Intel V3			Dense V3					
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
00MM860	Intel X550-T2 Dual Port 10GBase-T Adapter	N	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N
7XC7A05927	Intel X710-T4 4x10Gb Base-T Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00496	ThinkSystem Broadcom 57416 10GBASE-T 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N
4XC7A08245	ThinkSystem Broadcom 57454 10GBASE-T 4-port PCIe Ethernet Adapter	N	Y	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A80266	ThinkSystem Intel X710-T2L 10GBase-T 2-Port PCIe Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A79699	ThinkSystem Intel X710-T4L 10GBase-T 4-Port PCIe Ethernet Adapter	N	N	N	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N	N
4XC7A08225	ThinkSystem QLogic QL41134 PCIe 10Gb 4-Port Base-T Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 5. PCIe - 10Gb Ethernet - 10GBASE-T (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1			
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
00MM860	Intel X550-T2 Dual Port 10GBase-T Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y
7XC7A05927	Intel X710-T4 4x10Gb Base-T Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00496	ThinkSystem Broadcom 57416 10GBASE-T 2-Port PCIe Ethernet Adapter	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y
4XC7A08245	ThinkSystem Broadcom 57454 10GBASE-T 4-port PCIe Ethernet Adapter	Y	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	Y	Y	N	N	N	N
4XC7A80266	ThinkSystem Intel X710-T2L 10GBase-T 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	N	N	N	N
4XC7A79699	ThinkSystem Intel X710-T4L 10GBase-T 4-Port PCIe Ethernet Adapter	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y
4XC7A08225	ThinkSystem QLogic QL41134 PCIe 10Gb 4-Port Base-T Ethernet Adapter	N	Y	Y	N	Y	Y	N	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y

Table 6. PCIe - 10Gb Ethernet - 10GBASE-T (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
00MM860	Intel X550-T2 Dual Port 10GBase-T Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N
7XC7A05927	Intel X710-T4 4x10Gb Base-T Adapter	N	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00496	ThinkSystem Broadcom 57416 10GBASE-T 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N
4XC7A08245	ThinkSystem Broadcom 57454 10GBASE-T 4-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A80266	ThinkSystem Intel X710-T2L 10GBase-T 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A79699	ThinkSystem Intel X710-T4L 10GBase-T 4-Port PCIe Ethernet Adapter	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
4XC7A08225	ThinkSystem QLogic QL41134 PCIe 10Gb 4-Port Base-T Ethernet Adapter	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N

PCIe - 10Gb Ethernet - SFP+

The following tables list the ThinkSystem servers that are compatible.

Table 7. PCIe - 10Gb Ethernet - SFP+ (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2				AMD V3				Intel V3			Dense V3			
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)
00AG570	Emulex VFA5.2 2x10 GbE SFP+ PCIe Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7XC7A05525	Intel X710-DA4 4x10Gb SFP+ Adapter	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00493	ThinkSystem Emulex OCe14104B-NX PCIe 10Gb 4-Port SFP+ Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00537	ThinkSystem Intel X710-DA2 PCIe 10Gb 2-Port SFP+ Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 8. PCIe - 10Gb Ethernet - SFP+ (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1					
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS		SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
00AG570	Emulex VFA5.2 2x10 GbE SFP+ PCIe Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	
7XC7A05525	Intel X710-DA4 4x10Gb SFP+ Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00493	ThinkSystem Emulex OCe14104B-NX PCIe 10Gb 4-Port SFP+ Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	
7ZT7A00537	ThinkSystem Intel X710-DA2 PCIe 10Gb 2-Port SFP+ Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y	

Table 9. PCIe - 10Gb Ethernet - SFP+ (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1					
		ST150 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)		
00AG570	Emulex VFA5.2 2x10 GbE SFP+ PCIe Adapter	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N
7XC7A05525	Intel X710-DA4 4x10Gb SFP+ Adapter	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00493	ThinkSystem Emulex OCe14104B-NX PCIe 10Gb 4-Port SFP+ Ethernet Adapter	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
7ZT7A00537	ThinkSystem Intel X710-DA2 PCIe 10Gb 2-Port SFP+ Ethernet Adapter	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N

PCIe - 25Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 10. PCIe - 25Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2			AMD V3				Intel V3			Dense V3					
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
01GR250	Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08238	ThinkSystem Broadcom 57414 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A08316	ThinkSystem Broadcom 57454 10/25GbE SFP28 4-port PCIe Ethernet Adapter V2	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A80566	ThinkSystem Broadcom 57504 10/25GbE SFP28 4-Port PCIe Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
4XC7A08295	ThinkSystem Intel E810-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
4XC7A80267	ThinkSystem Intel E810-DA4 10/25GbE SFP28 4-Port PCIe Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
7XC7A05523	ThinkSystem Intel XXV710-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08270	ThinkSystem Marvell QL41232 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08249	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port PCIe Ethernet Adapter	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A62574	ThinkSystem Mellanox ConnectX-5 EN 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A62580	ThinkSystem Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
4XC7A62581	ThinkSystem Solarflare X2522-Plus 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08317	ThinkSystem Xilinx Alveo U25 25GbE SFP28 2-Port PCIe FPGA Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 11. PCIe - 25Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1			
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
01GR250	Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
4XC7A08238	ThinkSystem Broadcom 57414 10/25GbE SFP28 2-port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	Y	Y	Y
4XC7A08316	ThinkSystem Broadcom 57454 10/25GbE SFP28 4-port PCIe Ethernet Adapter V2	Y	Y ¹	Y	N	Y ¹	Y	Y	Y ¹	Y	N	N	N	N	Y	Y	N	N	N
4XC7A80566	ThinkSystem Broadcom 57504 10/25GbE SFP28 4-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08295	ThinkSystem Intel E810-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	Y	N	Y
4XC7A80267	ThinkSystem Intel E810-DA4 10/25GbE SFP28 4-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N
7XC7A05523	ThinkSystem Intel XXV710-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y
4XC7A08270	ThinkSystem Marvell QL41232 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	Y	Y	Y	N	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	Y	N
4XC7A08249	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	Y	Y	N	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	N
4XC7A62574	ThinkSystem Mellanox ConnectX-5 EN 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A62580	ThinkSystem Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	Y	N	Y

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4XC7A62581	ThinkSystem Solarflare X2522-Plus 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N	N	Y	N	N	N	N
4XC7A08317	ThinkSystem Xilinx Alveo U25 25GbE SFP28 2-Port PCIe FPGA Adapter	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N

1. In 1U servers, this adapter requires a full-height bracket and must be installed in a full-height slot. The use of a low-profile bracket and slot is not supported.

Table 12. PCIe - 25Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1			2S Intel V1								Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
01GR250	Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	Y	Y	N	N	N	N	Y	Y	N	Y	N	N	N
4XC7A08238	ThinkSystem Broadcom 57414 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
4XC7A08316	ThinkSystem Broadcom 57454 10/25GbE SFP28 4-port PCIe Ethernet Adapter V2	N	N	N	N	N	N	N	N	N	Y ¹	Y	N	N	N	N	N
4XC7A80566	ThinkSystem Broadcom 57504 10/25GbE SFP28 4-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08295	ThinkSystem Intel E810-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	Y	N	N	N
4XC7A80267	ThinkSystem Intel E810-DA4 10/25GbE SFP28 4-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7XC7A05523	ThinkSystem Intel XXV710-DA2 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	Y	N	Y	Y	N	N	N	N	Y	Y	N	Y	N	N	N
4XC7A08270	ThinkSystem Marvell QL41232 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N
4XC7A08249	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A62574	ThinkSystem Mellanox ConnectX-5 EN 10/25GbE SFP28 2-port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N
4XC7A62580	ThinkSystem Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N
4XC7A62581	ThinkSystem Solarflare X2522-Plus 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N
4XC7A08317	ThinkSystem Xilinx Alveo U25 25GbE SFP28 2-Port PCIe FPGA Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

1. In 1U servers, this adapter requires a full-height bracket and must be installed in a full-height slot. The use of a low-profile bracket and slot is not supported.

PCIe - 40Gb Ethernet and InfiniBand VPI

The following tables list the ThinkSystem servers that are compatible.

Table 13. PCIe - 40Gb Ethernet and InfiniBand VPI (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
00MM950	Mellanox ConnectX-4 Lx 1x40GbE QSFP+ Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7XC7A05524	ThinkSystem Mellanox ConnectX 4 PCIe FDR 1 Port QSFP VPI Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00500	ThinkSystem Mellanox ConnectX-4 PCIe FDR 2-Port QSFP VPI Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08229	ThinkSystem Mellanox ConnectX-5 Ex 25/40GbE 2-port Low-Latency Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 14. PCIe - 40Gb Ethernet and InfiniBand VPI (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
00MM950	Mellanox ConnectX-4 Lx 1x40GbE QSFP+ Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	
7XC7A05524	ThinkSystem Mellanox ConnectX 4 PCIe FDR 1 Port QSFP VPI Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00500	ThinkSystem Mellanox ConnectX-4 PCIe FDR 2-Port QSFP VPI Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	
4XC7A08229	ThinkSystem Mellanox ConnectX-5 Ex 25/40GbE 2-port Low-Latency Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	

Table 15. PCIe - 40Gb Ethernet and InfiniBand VPI (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST150 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
00MM950	Mellanox ConnectX-4 Lx 1x40GbE QSFP+ Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	Y	N	N	N
7XC7A05524	ThinkSystem Mellanox ConnectX 4 PCIe FDR 1 Port QSFP VPI Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	Y	N	N	N
7ZT7A00500	ThinkSystem Mellanox ConnectX-4 PCIe FDR 2-Port QSFP VPI Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	Y	N	N	N
4XC7A08229	ThinkSystem Mellanox ConnectX-5 Ex 25/40GbE 2-port Low-Latency Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	Y	N	N	N

PCIe - 100Gb Ethernet and InfiniBand VPI

The following tables list the ThinkSystem servers that are compatible.

Table 16. PCIe - 100Gb Ethernet and InfiniBand VPI (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
00MM960	Mellanox ConnectX-4 2x100GbE/EDR IB QSFP28 VPI Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4C57A08980	Mellanox ConnectX-5 EDR IB VPI Dual-port x16 PCIe 3.0 HCA	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08297	ThinkSystem Broadcom 57508 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter	N	N	N	N	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	N
4XC7A08248	ThinkSystem Mellanox ConnectX-6 Dx 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter	N	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
4C57A14177	ThinkSystem Mellanox ConnectX-6 HDR100/100GbE QSFP56 1-port PCIe VPI Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
4C57A14178	ThinkSystem Mellanox ConnectX-6 HDR100/100GbE QSFP56 2-port PCIe VPI Adapter	N	Y	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
4XC7A76757	ThinkSystem Xilinx Alveo U50 Data Center Accelerator Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 17. PCIe - 100Gb Ethernet and InfiniBand VPI (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1			
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
00MM960	Mellanox ConnectX-4 2x100GbE/EDR IB QSFP28 VPI Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
4C57A08980	Mellanox ConnectX-5 EDR IB VPI Dual-port x16 PCIe 3.0 HCA	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08297	ThinkSystem Broadcom 57508 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	N	N	N	N
4XC7A08248	ThinkSystem Mellanox ConnectX-6 Dx 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	Y	N	Y	N
4C57A14177	ThinkSystem Mellanox ConnectX-6 HDR100/100GbE QSFP56 1-port PCIe VPI Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	Y	Y	Y	Y	Y	Y
4C57A14178	ThinkSystem Mellanox ConnectX-6 HDR100/100GbE QSFP56 2-port PCIe VPI Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y
4XC7A76757	ThinkSystem Xilinx Alveo U50 Data Center Accelerator Adapter	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N	N	N	N	N	N

Table 18. PCIe - 100Gb Ethernet and InfiniBand VPI (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
00MM960	Mellanox ConnectX-4 2x100GbE/EDR IB QSFP28 VPI Adapter	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N
4C57A08980	Mellanox ConnectX-5 EDR IB VPI Dual-port x16 PCIe 3.0 HCA	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08297	ThinkSystem Broadcom 57508 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08248	ThinkSystem Mellanox ConnectX-6 Dx 100GbE QSFP56 2-port PCIe 4 Ethernet Adapter	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N	N
4C57A14177	ThinkSystem Mellanox ConnectX-6 HDR100/100GbE QSFP56 1-port PCIe VPI Adapter	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N
4C57A14178	ThinkSystem Mellanox ConnectX-6 HDR100/100GbE QSFP56 2-port PCIe VPI Adapter	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N
4XC7A76757	ThinkSystem Xilinx Alveo U50 Data Center Accelerator Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N	N

PCIe - 200Gb Ethernet and InfiniBand VPI

The following tables list the ThinkSystem servers that are compatible.

Table 19. PCIe - 200Gb Ethernet and InfiniBand VPI (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
4C57A15326	ThinkSystem Mellanox ConnectX-6 HDR/200GbE QSFP56 1-port PCIe 4 VPI Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N
4C57A14179	ThinkSystem Mellanox HDR/200GbE 2x PCIe Aux Kit	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N

Table 20. PCIe - 200Gb Ethernet and InfiniBand VPI (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4C57A15326	ThinkSystem Mellanox ConnectX-6 HDR/200GbE QSFP56 1-port PCIe 4 VPI Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	Y	Y	Y	N	N	N
4C57A14179	ThinkSystem Mellanox HDR/200GbE 2x PCIe Aux Kit	N	Y	Y	Y	N	N	N	Y	Y	N	Y	N	N	Y	Y	Y	N	N	N

Table 21. PCIe - 200Gb Ethernet and InfiniBand VPI (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1							Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
4C57A15326	ThinkSystem Mellanox ConnectX-6 HDR/200GbE QSFP56 1-port PCIe 4 VPI Adapter	N	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N
4C57A14179	ThinkSystem Mellanox HDR/200GbE 2x PCIe Aux Kit	N	N	N	N	N	N	N	N	Y	Y	Y	N	Y	N	N	

PCIe - OPA adapters

The following tables list the ThinkSystem servers that are compatible.

Table 22. PCIe - OPA adapters (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
00WE023	Intel OPA 100 Series Single-port PCIe 3.0 x8 HFA	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
00WE027	Intel OPA 100 Series Single-port PCIe 3.0 x16 HFA	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 23. PCIe - OPA adapters (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
00WE023	Intel OPA 100 Series Single-port PCIe 3.0 x8 HFA	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
00WE027	Intel OPA 100 Series Single-port PCIe 3.0 x16 HFA	N	N	N	Y	N	N	N	N	Y	Y	Y	N	N	N	Y	Y	Y	Y

Table 24. PCIe - OPA adapters (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1				
		ST150 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
00WE023	Intel OPA 100 Series Single-port PCIe 3.0 x8 HFA	N	N	N	N	N	N	N	N	N	N	Y	Y	N	Y	N	N	N
00WE027	Intel OPA 100 Series Single-port PCIe 3.0 x16 HFA	N	N	N	N	N	Y	Y	N	N	Y	Y	Y	Y	N	N	N	N

OCP adapters

This section lists the available OCP adapters:

- [OCP - Gigabit Ethernet](#)
- [OCP - 10Gb Ethernet - 10GBASE-T](#)
- [OCP - 25Gb Ethernet](#)
- [OCP - 100Gb Ethernet](#)

OCP - Gigabit Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 25. OCP - Gigabit Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3						Intel V3			Dense V3				
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST150 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
4XC7A08235	ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A08277	ThinkSystem Intel I350 1GbE RJ45 4-port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N
BMHE	ThinkEdge SE450 Intel I350 1GbE RJ45 4-port OCP Ethernet Adapter	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 26. OCP - Gigabit Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4XC7A08235	ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08277	ThinkSystem Intel I350 1GbE RJ45 4-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
BMHE	ThinkEdge SE450 Intel I350 1GbE RJ45 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 27. OCP - Gigabit Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)	
4XC7A08235	ThinkSystem Broadcom 5719 1GbE RJ45 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08277	ThinkSystem Intel I350 1GbE RJ45 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BMHE	ThinkEdge SE450 Intel I350 1GbE RJ45 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

OCP - 10Gb Ethernet - 10GBASE-T

The following tables list the ThinkSystem servers that are compatible.

Table 28. OCP - 10Gb Ethernet - 10GBASE-T (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3				Dense V3					
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
4XC7A08239	ThinkSystem Broadcom 57416 10GBASE-T 2-port + 5720 1GbE 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08236	ThinkSystem Broadcom 57416 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A08240	ThinkSystem Broadcom 57454 10GBASE-T 4-port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A08278	ThinkSystem Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
4XC7A80268	ThinkSystem Intel X710-T4L 10GBASE-T 4-Port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N
4XC7A08310	ThinkSystem Marvell QL41132 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BMHF	ThinkEdge SE450 Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 29. OCP - 10Gb Ethernet - 10GBASE-T (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4XC7A08239	ThinkSystem Broadcom 57416 10GBASE-T 2-port + 5720 1GbE 2-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08236	ThinkSystem Broadcom 57416 10GBASE-T 2-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08240	ThinkSystem Broadcom 57454 10GBASE-T 4-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08278	ThinkSystem Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A80268	ThinkSystem Intel X710-T4L 10GBase-T 4-Port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08310	ThinkSystem Marvell QL41132 10GBASE-T 2-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
BMHF	ThinkEdge SE450 Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 30. OCP - 10Gb Ethernet - 10GBASE-T (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
4XC7A08239	ThinkSystem Broadcom 57416 10GBASE-T 2-port + 5720 1GbE 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08236	ThinkSystem Broadcom 57416 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08240	ThinkSystem Broadcom 57454 10GBASE-T 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08278	ThinkSystem Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A80268	ThinkSystem Intel X710-T4L 10GBase-T 4-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08310	ThinkSystem Marvell QL41132 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BMHF	ThinkEdge SE450 Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

OCP - 25Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 31. OCP - 25Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3				Dense V3					
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
4XC7A08237	ThinkSystem Broadcom 57414 10/25GbE SFP28 2-port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y	N	N	N	N
4XC7A08242	ThinkSystem Broadcom 57454 10/25GbE SFP28 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A80567	ThinkSystem Broadcom 57504 10/25GbE SFP28 4-Port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
4XC7A08294	ThinkSystem Intel E810-DA2 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
4XC7A80269	ThinkSystem Intel E810-DA4 10/25GbE SFP28 4-Port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
4XC7A08246	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
4XC7A62582	ThinkSystem Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	
BMHG	ThinkEdge SE450 Intel E810-DA2 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
BMHD	ThinkEdge SE450 Mellanox CX6 Lx 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

Table 32. OCP - 25Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4XC7A08237	ThinkSystem Broadcom 57414 10/25GbE SFP28 2-port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08242	ThinkSystem Broadcom 57454 10/25GbE SFP28 4-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A80567	ThinkSystem Broadcom 57504 10/25GbE SFP28 4-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08294	ThinkSystem Intel E810-DA2 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A80269	ThinkSystem Intel E810-DA4 10/25GbE SFP28 4-Port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
4XC7A08246	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port OCP Ethernet Adapter	N	Y	Y	N	Y	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N
4XC7A62582	ThinkSystem Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	Y	N	N	N	N
BMHG	ThinkEdge SE450 Intel E810-DA2 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BMHD	ThinkEdge SE450 Mellanox CX6 Lx 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 33. OCP - 25Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
4XC7A08237	ThinkSystem Broadcom 57414 10/25GbE SFP28 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08242	ThinkSystem Broadcom 57454 10/25GbE SFP28 4-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A80567	ThinkSystem Broadcom 57504 10/25GbE SFP28 4-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08294	ThinkSystem Intel E810-DA2 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A80269	ThinkSystem Intel E810-DA4 10/25GbE SFP28 4-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A08246	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
4XC7A62582	ThinkSystem Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BMHG	ThinkEdge SE450 Intel E810-DA2 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
BMHD	ThinkEdge SE450 Mellanox CX6 Lx 10/25GbE SFP28 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

OCP - 100Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 34. OCP - 100Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3		Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)
4XC7A08243	ThinkSystem Broadcom 57508 100GbE QSFP56 2-Port OCP Ethernet Adapter	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N

Table 35. OCP - 100Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2		4S V2	8S	4S V1						
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4XC7A08243	ThinkSystem Broadcom 57508 100GbE QSFP56 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 36. OCP - 100Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1				Dense V1							
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
4XC7A08243	ThinkSystem Broadcom 57508 100GbE QSFP56 2-Port OCP Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Flex System mezzanine adapters

This section lists the available Flex System mezzanine adapters:

- [Flex - 10Gb Ethernet](#)
- [Flex - 25Gb Ethernet](#)
- [Flex - 50Gb Ethernet](#)

Flex - 10Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 37. Flex - 10Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
00AG540	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
00AG590	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 38. Flex - 10Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
00AG540	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N
00AG590	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N

Table 39. Flex - 10Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
00AG540	Flex System CN4052S 2-port 10Gb Virtual Fabric Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
00AG590	Flex System CN4054S 4-port 10Gb Virtual Fabric Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y

Flex - 25Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 40. Flex - 25Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
4XC7A08315	ThinkSystem Mellanox ConnectX-4 Lx 25Gb 2-port Mezz Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 41. Flex - 25Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1					
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
4XC7A08315	ThinkSystem Mellanox ConnectX-4 Lx 25Gb 2-port Mezz Adapter	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N	N

Table 42. Flex - 25Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1							Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)
4XC7A08315	ThinkSystem Mellanox ConnectX-4 Lx 25Gb 2-port Mezz Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y

Flex - 50Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 43. Flex - 50Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3					Intel V3			Dense V3				
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)
7XC7A05843	ThinkSystem QLogic QL45212 Flex 50Gb 2-Port Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7XC7A05845	ThinkSystem QLogic QL45262 Flex 50Gb 2-Port Ethernet Adapter with iSCSI/FCoE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 44. Flex - 50Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2				4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)	SR860 (7X69 / 7X70)
7XC7A05843	ThinkSystem QLogic QL45212 Flex 50Gb 2-Port Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N
7XC7A05845	ThinkSystem QLogic QL45262 Flex 50Gb 2-Port Ethernet Adapter with iSCSI/FCoE	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N	N

Table 45. Flex - 50Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1							
		ST150 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)				
7XC7A05843	ThinkSystem QLogic QL45212 Flex 50Gb 2-Port Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y
7XC7A05845	ThinkSystem QLogic QL45262 Flex 50Gb 2-Port Ethernet Adapter with iSCSI/FCoE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y

ML2 adapters

This section lists the available ML2 adapters:

- [ML2 - Gigabit Ethernet](#)
- [ML2 - 10Gb Ethernet - SFP+](#)
- [ML2 - 25Gb Ethernet](#)

ML2 - Gigabit Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 46. ML2 - Gigabit Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2	AMD V3				Intel V3			Dense V3							
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
7ZT7A00536	ThinkSystem Intel I350-T4 ML2 1Gb 4-Port RJ45 Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 47. ML2 - Gigabit Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
7ZT7A00536	ThinkSystem Intel I350-T4 ML2 1Gb 4-Port RJ45 Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y

Table 48. ML2 - Gigabit Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1							Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)
7ZT7A00536	ThinkSystem Intel I350-T4 ML2 1Gb 4-Port RJ45 Ethernet Adapter	N	N	N	N	N	N	N	N	Y	Y	Y	N	N	N	N

ML2 - 10Gb Ethernet - SFP+

The following tables list the ThinkSystem servers that are compatible.

Table 49. ML2 - 10Gb Ethernet - SFP+ (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
01CV770	Emulex VFA5.2 ML2 2x10 GbE SFP+ Adapter and FCoE/iSCSI SW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 50. ML2 - 10Gb Ethernet - SFP+ (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
01CV770	Emulex VFA5.2 ML2 2x10 GbE SFP+ Adapter and FCoE/iSCSI SW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y

Table 51. ML2 - 10Gb Ethernet - SFP+ (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1						Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)
01CV770	Emulex VFA5.2 ML2 2x10 GbE SFP+ Adapter and FCoE/iSCSI SW	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N	N	N

ML2 - 25Gb Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 52. ML2 - 25Gb Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
00MN990	Mellanox ConnectX-4 Lx 10/25GbE SFP28 1-port ML2 Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00507	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-Port ML2 Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 53. ML2 - 25Gb Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
00MN990	Mellanox ConnectX-4 Lx 10/25GbE SFP28 1-port ML2 Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
7ZT7A00507	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-Port ML2 Ethernet Adapter	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y

Table 54. ML2 - 25Gb Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1						Dense V1					
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
00MN990	Mellanox ConnectX-4 Lx 10/25GbE SFP28 1-port ML2 Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N
7ZT7A00507	ThinkSystem Mellanox ConnectX-4 Lx 10/25GbE SFP28 2-Port ML2 Ethernet Adapter	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N

LOM adapters

This section lists the available LOM adapters:

- [LOM - Gigabit Ethernet](#)
- [LOM - 10Gb Ethernet - 10GBASE-T](#)
- [LOM - 10Gb Ethernet - SFP+](#)

LOM - Gigabit Ethernet

The following tables list the ThinkSystem servers that are compatible.

Table 55. LOM - Gigabit Ethernet (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3					
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)
7ZT7A00544	ThinkSystem 1Gb 2-port RJ45 LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00545	ThinkSystem 1Gb 4-port RJ45 LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 56. LOM - Gigabit Ethernet (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
7ZT7A00544	ThinkSystem 1Gb 2-port RJ45 LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
7ZT7A00545	ThinkSystem 1Gb 4-port RJ45 LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y

Table 57. LOM - Gigabit Ethernet (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1						Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)
7ZT7A00544	ThinkSystem 1Gb 2-port RJ45 LOM	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N
7ZT7A00545	ThinkSystem 1Gb 4-port RJ45 LOM	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N

LOM - 10Gb Ethernet - 10GBASE-T

The following tables list the ThinkSystem servers that are compatible.

Table 58. LOM - 10Gb Ethernet - 10GBASE-T (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
7ZT7A00548	ThinkSystem 10Gb 2-port Base-T LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00549	ThinkSystem 10Gb 4-port Base-T LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 59. LOM - 10Gb Ethernet - 10GBASE-T (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
7ZT7A00548	ThinkSystem 10Gb 2-port Base-T LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
7ZT7A00549	ThinkSystem 10Gb 4-port Base-T LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y

Table 60. LOM - 10Gb Ethernet - 10GBASE-T (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1						Dense V1				
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)
7ZT7A00548	ThinkSystem 10Gb 2-port Base-T LOM	N	N	N	N	N	Y	Y	Y	Y	Y	N	N	N	N	N
7ZT7A00549	ThinkSystem 10Gb 4-port Base-T LOM	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N

LOM - 10Gb Ethernet - SFP+

The following tables list the ThinkSystem servers that are compatible.

Table 61. LOM - 10Gb Ethernet - SFP+ (Part 1 of 3)

Part Number	Description	Edge		1S Intel V2		AMD V3				Intel V3			Dense V3						
		SE350 (7Z46 / 7D1X)	SE450 (7D8T)	ST50 V2 (7D8K / 7D8J)	ST250 V2 (7D8G / 7D8F)	SR250 V2 (7D7R / 7D7Q)	SR635 V3 (7D9H / 7D9G)	SR655 V3 (7D9F / 7D9E)	SR645 V3 (7D9D / 7D9C)	SR665 V3 (7D9B / 7D9A)	SR675 V3 (7D9Q / 7D9R)	SR630 V3 (7D72 / 7D73)	SR650 V3 (7D75 / 7D76)	SR850 V3 (7D97 / 7D96)	SR860 V3 (7D94 / 7D93)	SD665 V3 (7D9P)	SD665-N V3 (7DAZ)	SD650 V3 (7D7M)	SD650-I V3 (7D7L)
7ZT7A00546	ThinkSystem 10Gb 2-port SFP+ LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7ZT7A00547	ThinkSystem 10Gb 4-port SFP+ LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Table 62. LOM - 10Gb Ethernet - SFP+ (Part 2 of 3)

Part Number	Description	2S Intel V2				AMD V1				Dense V2			4S V2	8S	4S V1				
		ST650 V2 (7Z75 / 7Z74)	SR630 V2 (7Z70 / 7Z71)	SR650 V2 (7Z72 / 7Z73)	SR670 V2 (7Z22 / 7Z23)	SR635 (7Y98 / 7Y99)	SR655 (7Y00 / 7Z01)	SR655 Client OS	SR645 (7D2Y / 7D2X)	SR665 (7D2W / 7D2V)	SD630 V2 (7D1K)	SD650 V2 (7D1M)	SD650-N V2 (7D1N)	SN550 V2 (7Z69)	SR850 V2 (7D31 / 7D32)	SR860 V2 (7Z59 / 7Z60)	SR950 (7X11 / 7X12)	SR850 (7X18 / 7X19)	SR850P (7D2F / 2D2G)
7ZT7A00546	ThinkSystem 10Gb 2-port SFP+ LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y
7ZT7A00547	ThinkSystem 10Gb 4-port SFP+ LOM	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y

Table 63. LOM - 10Gb Ethernet - SFP+ (Part 3 of 3)

Part Number	Description	1S Intel V1				2S Intel V1								Dense V1			
		ST50 (7Y48 / 7Y50)	ST250 (7Y45 / 7Y46)	SR150 (7Y54)	SR250 (7Y52 / 7Y51)	ST550 (7X09 / 7X10)	SR530 (7X07 / 7X08)	SR550 (7X03 / 7X04)	SR570 (7Y02 / 7Y03)	SR590 (7X98 / 7X99)	SR630 (7X01 / 7X02)	SR650 (7X05 / 7X06)	SR670 (7Y36 / 7Y37)	SD530 (7X21)	SD650 (7X58)	SN550 (7X16)	SN850 (7X15)
7ZT7A00546	ThinkSystem 10Gb 2-port SFP+ LOM	N	N	N	N	N	Y	Y	Y	Y	Y	Y	N	N	N	N	N
7ZT7A00547	ThinkSystem 10Gb 4-port SFP+ LOM	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N	N

Related product families

Product families related to this document are the following:

- [1 Gb Ethernet Connectivity](#)
- [10 Gb Ethernet Connectivity](#)
- [100 Gb Ethernet Connectivity](#)
- [25 Gb Ethernet Connectivity](#)
- [40 Gb Ethernet Connectivity](#)
- [Ethernet Adapters](#)
- [InfiniBand & Omni-Path Adapters](#)

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