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Supported IO Cards in SPARC T8 Servers

The following table lists I/O cards that are supported in the servers. Some of these cards may have passed their Last Order Date (LOD). For more information, see the [Product Manuals](#).

IO CARD	PART NUMBER	MAX QUANTITY		
		T8-1	T8-2	T8-4
Ethernet Adapters				
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	6	8	16
Oracle Quad Port 10GBase-T Adapter	7111181	6	8	8
Sun Dual 10GbE SFP+ PCIe Low Profile Adapter	X1109A-Z	4	4	8
Dual rate transceiver: SFP+ SR. Support 1 Gb/sec and 10 Gb/sec dual rate	X2129A-N	2 per adapter card		
Sun dual speed 10 GbE SFP+ long reach pluggable transceiver	X5562A-Z	2 per adapter card		
Oracle Quad 10Gb or Dual 40Gb Ethernet Adapter	7114134	6	8	8
QSFP parallel fiber optics short wave transceiver	X2124A-N	2 per adapter card		
QSFP+ parallel fiber optics long wave transceiver	7114094	2 per adapter card		
Oracle Dual Port 25 Gb Ethernet Adapter, Broadcom	7118016	4	4	8
Dual rate transceiver: SFP+ SR. Support 1 Gb/sec and 10 Gb/sec dual rate	X2129A-N	2 per adapter card		
Sun dual speed 10 GbE SFP+ long reach pluggable transceiver	X5562A-Z	2 per adapter card		
SFP28 short-range transceiver	7118019	2 per adapter card		
SFP28 long range transceiver	7118021	2 per adapter card		
Oracle Dual Port 100 Gb Ethernet Adapter, Mellanox	7603661	2	4	4
QSFP28 short-range transceiver	7119728	2 per adapter card		

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Fibre Channel HBAs				
Sun Storage 16 Gb Fibre Channel PCIe Universal HBA, Emulex	7101684	6	8	12
2 Sun Storage 16Gb FC optics, SR, Emulex	7101686	1 per adapter card		
Sun Storage 16 Gb Fibre Channel PCIe Universal HBA, Qlogic	7101674	6	8	12
2 Sun Storage 16Gb FC optics, SR, Qlogic	7101676	1 per adapter card		
2 Sun Storage 10Gb FCoE optics, SR, Qlogic	7101678	1 per adapter card		
Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Emulex	7115461	6	8	12
Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Qlogic	7115462	6	8	12
Flash Storage				
One 6.4 TB 2.5-inch NVMe PCIe 3.0 SSD with marlin bracket	7115457	4	4	8
One 6.4 TB 2.5-inch NVMe PCIe 3.0 SSD v2 with marlin bracket	7120558	4	4	8
Oracle Flash Accelerator F640 PCIe Card: 6.4 TB, NVMe PCIe 3.0	7115455	4	4	8
Oracle Flash Accelerator F640 PCIe Card v2: 6.4 TB, NVMe PCIe 3.0	7120562	4	4	8
SAS Host Bus Adapter				
Oracle Storage 12 Gb SAS PCIe HBA, external: 8 port	7110119	2	2	2
InfiniBand				
Oracle Dual Port QDR Infiniband Adapter M3	7104074	2	4	4
QSPF parallel fiber optics short wave transceiver	X2124A-N	2 per adapter card		
QSFP+ parallel fiber optics long wave transceiver	7114094	2 per adapter card		

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Supported IO Cards for SPARC M8-8

The following table lists I/O cards that are supported in the servers. Some of these cards may have passed their Last Order Date (LOD). For more information, see the Product Manuals.

IO CARD	PART NUMBER	MAX QUANTITY	
		PER SINGLE DOMAIN SYSTEM	PER DOMAIN IN DUAL DOMAIN SYSTEM
Ethernet Adapters			
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	16	8
Oracle Quad Port 10GBase-T Adapter	7111181	16	8
Sun Dual 10GbE SFP+ PCIe 2.0 Low Profile adapter	X1109A-Z	16	8
Dual rate transceiver: SFP+ SR. Support 1 Gb/sec and 10 Gb/sec dual rate	X2129A-N	2 per adapter card	
Sun dual speed 10 GbE SFP+ long reach pluggable transceiver	X5562A-Z	2 per adapter card	
Oracle Quad 10 Gb or Dual 40 Gb Ethernet Adapter	7114134	12	6
QSFP parallel fiber optics short wave transceiver	X2124A-N	2 per adapter card	
QSFP+ parallel fiber optics long wave transceiver	7114094	2 per adapter card	
Oracle Dual Port 25 Gb Ethernet Adapter, Broadcom	7118016	12	8
Dual rate transceiver: SFP+ SR. Support 1 Gb/sec and 10 Gb/sec dual rate	X2129A-N	2 per adapter card	
Sun dual speed 10 GbE SFP+ long reach pluggable transceiver	X5562A-Z	2 per adapter card	
SFP28 short-range transceiver	7118019	2 per adapter card	
SFP28 long range transceiver	7118021	2 per adapter card	
Oracle Dual Port 100 Gb Ethernet Adapter, Mellanox	7603661	8	4
QSFP28 short-range transceiver	7119728	2 per adapter card	

Fibre Channel HBAs			
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Emulex	7101684	16	8
2 Sun Storage 16 Gb FC short wave optics, Emulex	7101686	1 per adapter card	
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Qlogic (as 16 Gb FC)	7101674	16	8
2 Sun Storage 16 Gb FC short wave optics, Qlogic	7101676	1 per adapter card	
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Qlogic (as 10Gb FCoE)	7101674	12	6
2 Sun Storage 10 Gb FCoE short reach optics, Qlogic	7101678	1 per adapter card	
Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Emulex	7115461	16	8
Oracle Storage Dual Port 16 Gb or 32 Gb Fibre Channel PCIe HBA with 2 transceivers, Qlogic	7115462	16	8
Flash Storage			
Oracle Flash Accelerator F640 PCIe Card: 6.4 TB, NVMe PCIe 3.0	7115455	12, 2 per CMIOU	8, 2 per CMIOU
Oracle Flash Accelerator F640 PCIe Card v2: 6.4 TB, NVMe PCIe 3.0	7120562	12, 2 per CMIOU	8, 2 per CMIOU
InfiniBand Adapters			
Oracle Dual Port QDR Infiniband Adapter M3	7104074	8	4
SAS Host Bus Adapter			
Oracle Storage 12 Gb SAS PCIe HBA, external: 8 port	7110119	2	2

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