

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		

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		
QSPF+ parallel fiber optics long wave transceiver	7114094	2 per adapter card		

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 CMIU	8, 2 per CMIU
Oracle Flash Accelerator F640 PCIe Card v2: 6.4 TB, NVMe PCIe 3.0	7120562	12, 2 per CMIU	8, 2 per CMIU
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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