

Supported IO Cards in SPARC T7 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		
		T7-1	T7-2	T7-4
Ethernet Adapters				
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	6	8	16
Sun Dual Port GbE PCIe 2.0 Low Profile Adapter, MMF	7100481	6	8	16
Sun Dual Port 10GBase-T Adapter	7100488	4	4	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 10 Gb or Dual 40 Gb Ethernet Adapt	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		
Fibre Channel HBAs				
StorageTek 8 Gb Fibre Channel PCIe HBA dual port Qlogic	SG-XPCIE2FC-QF8-N	4	4	4
StorageTek 8 Gb Fibre Channel PCIe HBA dual port Emulex	SG-XPCIE2FC-EM8-N	4	4	4
Sun Storage 16 Gb Fibre Channel PCIe Universal HBA, Emulex	7101684	6	8	16
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	16
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		

Flash Storage				
One 1.6 TB 2.5-inch NVMe PCIe 3.0 SSD mix-use with Marlin bracket	7110927	4	4	8
One 3.2TB 2.5-inch NVMe PCIe 3.0 SSD mix-use with Marlin bracket	7113805	4	4	8
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 F160 PCIe Card: 1.6 TB, NVMe PCIe 3.0	7110865	6	6	8
Oracle Flash Accelerator F320 PCIe Card: 3.2 TB, NVMe PCIe 3.0	7113826	6	6	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	6	6	8
InfiniBand Adapters				
Oracle Dual Port QDR InfiniBand Adapter M3	7104074	6	6	8
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		
Oracle Dual Port QDR InfiniBand Adapter M4	7112197	2	2	4
QSPF parallel fiber optics short wave transceiver	X2124A-N	2 per adapter card		

Supported IO Cards for SPARC M7-8

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 Dual Port GbE PCIe 2.0 Low Profile Adapter, MMF	7100481	24	12
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	24	12
Sun Dual Port 10GBase-T Adapter	7100488	24	12
Sun Dual 10GbE SFP+ PCIe Low Profile Adapter	X1109A-Z	24	12
Oracle Quad 10 Gb or Dual 40 Gb Ethernet Adapter	7114134	12	6
Fibre Channel HBAs			
StorageTek Dual 8 Gb Fibre Channel PCIe HBA, Emulex	SG-XPCIE2FC-EM8-N	8	4
StorageTek Dual 8 Gb Fibre Channel PCIe HBA, Qlogic	7106958	8	4
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Emulex	7101684	22	11
2 Sun Storage 16 Gb FC short wave optics, Emulex	7101686	22	11
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Qlogic (as 16 Gb FC)	7101674	22	11
2 Sun Storage 16 Gb FC short wave optics, Qlogic	7101676	22	11
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	12	6

Flash Storage			
Oracle Flash Accelerator F160 PCIe Card: 1.6 TB, NVMe PCIe	7110865	16, 2 per CMIU	8, 2 per CMIU
Oracle Flash Accelerator F320 PCIe Card: 3.2 TB, NVMe PCIe 3.0	7113826	16, 2 per CMIU	8, 2 per CMIU
Oracle Flash Accelerator F640 PCIe Card: 6.4 TB, NVMe PCIe 3.0	7115455	8, 2 per CMIU	8, 2 per CMIU
Oracle Flash Accelerator F640 PCIe Card v2: 6.4 TB, NVMe PCIe 3.0	7120562	8, 2 per CMIU	8, 2 per CMIU
InfiniBand Adapters			
Oracle Dual Port QDR InfiniBand Adapter M4	7112197	4	4
Oracle Dual Port QDR Infiniband Adapter M3	7104074	12	10
SAS Host Bus Adapter			
Oracle Storage 12 Gb SAS PCIe HBA, external: 8 port	7110119	8	4
Ethernet Adapters			
Sun Dual Port GbE PCIe 2.0 Low Profile Adapter, MMF	7100481	24	12
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	24	12

Supported IO Cards for SPARC M7-16

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	
		IN PDOM WITH 4 CMIOUs	PER SYSTEM
Ethernet Adapters			
Sun Dual Port GbE PCIe 2.0 Low Profile Adapter, MMF	7100481	12	48
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	12	48
Sun Dual Port 10GBase-T Adapter	7100488	12	48
Sun Dual 10GbE SFP+ PCIe 2.0 Low Profile adapter incorporating Intel 82599 10 Gigabit Ethernet controller and supporting pluggable SFP+ Transceivers	X1109A-Z	12	48
Oracle Quad 10 Gb or Dual 40 Gb Ethernet Adapt	7114134	6	12
Fibre Channel HBAs			
StorageTek Dual 8 Gb Fibre Channel PCIe HBA, Emulex	SG-XPCIE2FC-EM8-N	4	16
StorageTek Dual 8 Gb Fibre Channel PCIe HBA, Qlogic	7106958	4	16
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Emulex	7101684	44	11
2 Sun Storage 16 Gb FC short wave optics, Emulex	7101686	44	11
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Qlogic (as 16Gb FC)	7101674	44	11
2 Sun Storage 16 Gb FC short wave optics, Qlogic	7101676	44	11
Sun Storage Dual 16 Gb Fibre Channel PCIe Universal HBA, Qlogic (as 10Gb FCoE)	7101674	22	6

2 Sun Storage 10 Gb FCoE short reach optics, Qlogic	7101678	22	6
Flash Storage			
Flash Accelerator F160 PCIe Card: 1.6TB, NVMe PCIe 3.0	7110865	8 / 2 per CMIU	32 / 2 per CMIU
Oracle Flash Accelerator F320 PCIe Card: 3.2 TB, NVMe PCIe 3.0	7113826	8 / 2 per CMIU	32 / 2 per CMIU
Oracle Flash Accelerator F640 PCIe Card: 6.4 TB, NVMe PCIe 3.0	7115455	8 / 2 per CMIU	32 / 2 per CMIU
Oracle Flash Accelerator F640 PCIe Card v2: 6.4 TB, NVMe PCIe 3.0	7120562	8 / 2 per CMIU	32 / 2 per CMIU
InfiniBand Adapters			
Oracle Dual Port QDR InfiniBand Adapter M4	7112197	4	4
Oracle Dual Port QDR Infiniband Adapter M3	7104074	10	24
SAS Host Bus Adapter			
Oracle Storage 12 Gb SAS PCIe HBA, external: 8 port	7110119	4	8
Ethernet Adapters			
Sun Dual Port GbE PCIe 2.0 Low Profile Adapter, MMF	7100481	12	48
Sun Quad Port GbE PCIe 2.0 Low Profile Adapter, UTP	7100477	12	48

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