

	Compaq StorageWorks SSL2020	Compaq StorageWorks MSL5026DLX	hp StorageWorks MSL5026SL	hp StorageWorks MSL5030	hp StorageWorks MSL5026S2	hp StorageWorks MSL5052SL	hp StorageWorks MSL5060	hp StorageWorks MSL5052S2
Drive Type	AIT50	DLT8000	SDLT 220	LTO Ultrium 230	SDLT 320	SDLT 220	LTO Ultrium 230	SDLT 320
Unit Dimensions (H x W x D) Inch/cm	8 X 17.6 X 24.4 in/ 20 x 44 x 61 cm	8.75x17x30 in / 22.2x43.2x76.2 cm	8.75x17x30 in / 22.2x43.2x76.2 cm	8.75x17x30 in / 22.2x43.2x76.2 cm	8.75x17x30 in / 22.2x43.2x76.2 cm	17.5x17x30 in / 44.5x43.2x76.2 cm	44.5x43.2x76.2 cm 17.5x17x30 in /	44.5x43.2x76.2 cm 17.5x17x30 in /
Shipping Dimensions (H x W x D) (cm)		15.25x23x38.25 in / 38.7x58.4x97.2 cm	15.25x23x38.25 in / 38.7x58.4x97.2 cm	15.25x23x38.25 in / 38.7x58.4x97.2 cm	15.25x23x38.25 in / 38.7x58.4x97.2 cm	33x47x31 in / 83.8x119.4x78.7 cm	33x47x31 in / 83.8x119.4x78.7 cm	33x47x31 in / 83.8x119.4x78.7 cm
Unit Weight (lbs/Kg)	41lbs/18.6 Kg	43lbs / 19.5kg	43lbs / 19.5kg	43lbs / 19.5kg	43lbs / 19.5kg	95lbs / 43.1kg	95lbs / 43.1kg	95lbs / 43.1kg
Shipping Weight (lbs/Kg)		75 lbs / 34kg	75 lbs / 34kg	75 lbs / 34kg	75 lbs / 34kg	147 lbs / 66.7kg	147 lbs / 66.7kg	147 lbs / 66.7kg
native Drive Throughput (MB/s)	5	6	11	15	16	11	15	16
Recording method	8 mm Helical Scan	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine
Maximum number of drives supported in a single unit	2	2	2	2	2	4	4	4
Single Unit maximum Native backup Performance (GB/hr)	36	43.2	79.2	108	115.2	158.4	216	230.4
Single Unit number of slots	20	26	26	30	26	52	60	52
Single Unit Native Backup capacity (TB)	1	1.04	2.86	3	4.16	5.72	6	8.32
Robotics Reliability (MSBF)	1 Million	2 Million	2 Million	2 Million	2 Million	2 Million	2 Million	2 Million
Multi-unit scalability	Yes, up to 5 units	Yes, up to 7 units	Yes, up to 8 units	Yes, up to 8 units	Yes, up to 8 units	Yes, up to 4 units	Yes, up to 4 units	Yes, up to 4 units
Maximum native scaled capacity (TB)	5	7.28	22.88	24	33.28	22.88	24	33.28
Maximum native scaled performance (GB/hr)	180	302.4	633.6	864	921.6	633.6	864	921.6
Interface	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)
High Availability Features		Hot Plug Drives	Hot Plug Drives	Hot Plug Drives	Hot Plug Drives	Hot Plug Drives Dual Redundant Power Supply	Hot Plug Drives Dual Redundant Power Supply	Hot Plug Drives Dual Redundant Power Supply
Control Panel	LCD based	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen
Power Requirements	115-240 V AC @ 47-63 Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz
Power Consumption (typical/max)	61.3 W/62.2 W	180 W/200 W	180 W/200 W	180 W/200 W	180 W/200 W	300 W/360 W	300 W/360 W	300 W/360 W
Warranty	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site
Mission Critical Support services	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Servers Supported	HP AlphaServers HP ProLiant Servers	HP AlphaServers HP ProLiant Servers	HP AlphaServers HP ProLiant Servers	HP ProLiant Servers HP-UX servers HP NetServers	HP AlphaServers HP ProLiant Servers	HP AlphaServers HP ProLiant Servers	HP ProLiant Servers HP-UX servers HP NetServers	HP AlphaServers HP ProLiant Servers

* For specific servers supported by individual libraries refer to products Quick Specs www.hp.com/products/tapestorage

	Compaq StorageWorks ESL9198SL	hp StorageWorks ESL9322L1	hp StorageWorks ESL9322S2	Compaq StorageWorks ESL9326SL	hp StorageWorks ESL9595SL	hp StorageWorks ESL9595L1	hp StorageWorks ESL9595S2
Drive Type	SDLT 220	LTO Ultrium 230	SDLT 320	SDLT 220	SDLT 220	LTO Ultrium 230	SDLT 320
Unit Dimensions (H x W x D) Inch/cm	75 x 36 x 29 in / 191 x 91.4 x 75 cm	75x40x29 in / 190.5x101.6x73.7 cm	75x40x29 in / 190.5x101.6x73.7 cm	75X57X29 in / 190.5x144.7x73.7 cm	75x60x29 in / 190.5x152.4x73.7 cm	75x60x29 in / 190.5x152.4x73.7 cm	75x60x29 in / 190.5x152.4x73.7 cm
Shipping Dimensions (H x W x D) (cm)	80x52x48 in / 203.2x132.1x121.9 cm	80x52x48 in / 203.2x132.1x121.9 cm	80x52x48 in / 203.2x132.1x121.9 cm	80x71x48 in / 203.2x180.3x121.9 cm	80x71x48 in / 203.2x180.3x121.9 cm	80x71x48 in / 203.2x180.3x121.9 cm	80x71x48 in / 203.2x180.3x121.9 cm
Unit Weight (lbs/Kg)	850 lbs/385.55 kg	1335lbs / 605.5kg	1335lbs / 605.5kg	1219lbs/554 kg	1660lbs / 753kg	1660lbs / 753kg	1660lbs / 753kg
Shipping Weight (lbs/Kg)	985lbs/448 kg	1362 lbs / 617.8kg	1362 lbs / 617.8kg	1822 lbs / 826.4 kg	1822 lbs / 826.4 kg	1822 lbs / 826.4 kg	1822 lbs / 826.4 kg
Native Drive Throughput (MB/s)	11	15	16	11	11	15	16
Recording method	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine	Linear Serpentine
Maximum number of drives supported in a single unit	8	8	8	16	16	16	16
Single Unit maximum Native backup Performance (GB/hr)	316.8	432	460.8	633.6	633.6	864	921.6
Single Unit number of slots	198	222, 322	222, 322	326	400, 500, 595	400, 500, 595	400, 500, 595
Single Unit Native Backup capacity (TB)	21.78	32.2	51.52	35.86	65.45	59.5	95.2
Robotics Reliability (MSBF)	2 Million	2 Million	2 Million	2 Million	2 Million	2 Million	2 Million
Multi-unit scalability	Yes, up to 5 units*	Yes, up to 5 units*	Yes, up to 5 units*	Yes, up to 5 units	Yes, up to 4 units	Yes, up to 4 units*	Yes, up to 4 units*
Maximum native scaled capacity (TB)	95.7	147.4	235.84	179.3	250.58	227.8	364.48
Maximum native scaled performance (GB/hr)	990	2160	2304	3168	2534	3456	3586.4
Interface	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)	Ultra2 SCSI (LVD)
High Availability Features	Hot plug drives	Hot plug drives	Hot plug drives	Hot plug drives	Hot plug drives	Hot plug drives	Hot plug drives
	Hot swap redundant power and cooling	Hot swap redundant power and cooling	Hot swap redundant power and cooling	Hot swap redundant power and cooling	Hot swap redundant power and cooling	Hot swap redundant power and cooling	Hot swap redundant power and cooling
Control Panel	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen	GUI touch screen
Power Requirements	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz	90-132V AC @ 47-63Hz 180-264V AC @ 47-63Hz
Power Consumption	1200W	1200W	1200W	1600 W	1600 W	1600 W	1600 W
Warranty	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site	One year, next business day on-site
Mission Critical Support services	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Servers Supported**	HP ProLiant Servers HP-UX servers HP Netervers	HP ProLiant Servers HP-UX servers HP Netervers	HP AlphaServers HP ProLiant Servers	HP AlphaServers HP ProLiant Servers	HP AlphaServers HP ProLiant Servers	ProLiant Servers HP-UX servers HP Netervers	HP AlphaServers HP ProLiant Servers

** For specific servers supported by individual libraries refer to products Quick Specs www.hp.com/products/tapestorage

* Multi-unit support on ESL9322 and ESL9595 libraries available in future

Device/ISV/OS MSL5026DLX, MSL5026SL, MSL5052SL Models	Windows NT 4.0 SP6a	Windows 2000 SP2	Tru64 UNIX 4.0g	Tru64 UNIX 5.1a	NetWare 5.1 SP3	NetWare 6.0	Solaris v7	Solaris v8		HP-UX 11	Linux RH 7.1	Linux SuSe 7.0	AIX 4.3.3	OVMS 7.1-2	OVMS 7.2-1
Direct Attach															
OmniBack 4.1															
OmniBack 5.0															
VERITAS NetBackup 4.5	✓	✓	✓	✓	✓	✓	✓	✓		✓					
VERITAS NetBackup 3.4.3	✓	✓	✓	✓											
Legato NetWorker 6.1.2	✓	✓		✓											
VERITAS Backup Exec 8.6	✓	✓			✓	✓									
VERITAS Backup Exec 9.0	✓	✓			✓	✓									
CA BrightStor ARCserve 2000	✓	✓													
CA BrightStor ARCserve 7					✓	✓									
Dantz v5.6 (only single drive support)															
SyncSort Backup Express v2.1.3f															
Archive Backup System (ABS) v4.0															
Storage Library System (SLS) v2.9f															
Tivoli Storage manager															
EBS SAN															
OmniBack 4.1	✓	✓						✓		✓	✓				
OmniBack 5.0	✓	✓						✓		✓	✓				
VERITAS NetBackup 4.5	✓	✓	✓	✓			✓	✓		✓			✓		
VERITAS NetBackup 3.4.3	✓	✓	✓	✓			✓	✓		✓			✓		
Legato NetWorker 6.1.2	✓	✓		✓			✓	✓		✓	✓	✓	✓		
VERITAS Backup Exec 8.6	✓	✓			✓										
VERITAS Backup Exec 9.0	✓	✓			✓										
CA BrightStor ARCserve 2000	✓	✓			✓										
CA BrightStor ARCserve 7	✓	✓			✓										
OVMS Native															
CommVault GALAXY V3.1GSP1	✓	✓						✓		✓	✓		✓		
Tivoli Storage manager															
✓	= supported														
✓	= supported in a homogeneous environment														

Device/ISV/OS	Windows NT 4.0 SP6a	Windows 2000 SP2	Tru64 UNIX 4.0g	Tru64 UNIX 5.1a	NetWare 5.1 SP3	NetWare 6.0	Solaris v7	Solaris v8	HP-UX 11.0	HP-UX 11.i	Linux RH 7.1	Linux SuSe 7.0	AIX 4.3.3	OVMS 7.1-2	OVMS 7.2-1
Direct SCSI Attach															
OmniBack 4.1															
OmniBack 5.0															
VERITAS NetBackup 4.5	✓	✓	✓	✓											
VERITAS NetBackup 3.4.3	✓	✓	✓	✓											
Legato NetWorker 6.1.2	✓	✓		✓											
VERITAS Backup Exec 8.6	✓	✓			✓	✓									
VERITAS Backup Exec 9.0	✓	✓			✓	✓									
CA BrightStor ARCserve 2000	✓	✓													
CA BrightStor ARCserve 7					✓	✓									
ABS & SLS for OVMS															
Dantz v5.6 (only single drive support)															
Archive Backup System (ABS) v4.0															
Storage Library System v2.9f															
SyncSort Backup Express v2.1.3f															
Tivoli Storage manager															
EBS SAN															
OmniBack 4.1	✓	✓						✓	✓		✓				
OmniBack 5.0	✓	✓						✓	✓		✓				
VERITAS NetBackup 4.5	✓	✓	✓	✓			✓	✓	✓				✓		
VERITAS NetBackup 3.4.3	✓	✓	✓	✓			✓	✓	✓				✓		
Legato NetWorker 6.1.2	✓	✓		✓			✓	✓	✓		✓	✓	✓		
VERITAS Backup Exec 8.6	✓	✓			✓										
VERITAS Backup Exec 9.0	✓	✓			✓										
CA BrightStor ARCserve 2000	✓	✓			✓										
CA BrightStor ARCserve 7	✓	✓			✓										
OVMS Native															
CommVault GALAXY V3.1GSP1	✓	✓						✓	✓		✓		✓		
Tivoli Storage manager	✓	✓					✓	✓					✓		
✓ = supported															
✓ = supported in a homogeneous environment															

	ProLiant DL760	ProLiant DL590/64	ProLiant DL580 G2	ProLiant DL580	ProLiant DL380G2	ProLiant DL380	ProLiant ML750	ProLiant ML570	ProLiant ML530G2	ProLiant ML370G2	ProLiant ML370	ProLiant ML350	ProLiant ML330G2	ProLiant ML330	ProLiant DL360	ProLiant DL320
Dual Channel Wide U3 - 129803	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Single Channel Wide U3 - 154457	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Dual Channel Wide - 348757-B21	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X

	HP Ith6000	HP Ith6000r	HP Ith6000r	HP Ith1000r	HP Ith2000r	HP Ith8500	D Class	K class	rp2450/2470 (A class)	rp5400 series (L Class)	rp7400 (N class)	rp8400	SuperDome
Adaptec AHA 29160 On HP servers	X	X	X	X	X	X							
Adaptec AHA 39160 On HP servers	X	X	X	X	X	X							
Emulex LP8000-F1 On HP servers	X	X	X	X	X	X							
Emulex LP9000 On HP servers	X	X	X	X	X	X							
A5149A U2 LVD single port									X	X	X	X	X
A5150A U2 LVD dual port									X	X	X	X	X
A6828 U3 LVD single port									X	X	X	X	X
A6829 U3 LVD dual port									X	X	X	X	X
A4999A LVD single port													
A6684A FC							X						
A6685A FC								X					
A5158A 1G FC									X	X	X	X	X
A6795A 2G FC									X	X	X	X	X

	AlphaServer AS1200	AlphaServer DS20E	AlphaServer4 X00	AlphaServer ES40	AlphaServer ES45	AlphaServer GS80	AlphaServer GS160	AlphaServer GS320					
3X-KZPCA-AA	X	X	X	X	X	X	X	X					

Cables Supported

VHDCI - VHDCI 6'	341174-B21	
VHDCI - VHDCI 12'	341175-B21	
VHDCI - Wide 6'	341176-B21	
VHDCI - Wide 12'	341177-B21	
VHDCI - Wide 10 m	201160-B21	
VHDCI - Wide 20 m	201160-B23	(supported only on ESL9000 libraries, requires LVD extender)
Wide - Wide , 5/10/15/20 m	328515-00X	