



HPE StoreEver MSL2024 Tape Libraries - Specifications

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Physical specifications

Specifications	Description	
Dimensions (H x W x D)	Out-of-Box	8.7 x 48 x 80.6 cm (3.4 x 18.9 x 31.7 in)
	Shipping	27.1 x 58.9 x 98.7 cm (10.7 x 23.2 x 38.9 in)
Weight (Approximate)	Minimum	14.9 kg (32.9 lb)
	Maximum	25.8 kg (56.9 lb)

NOTE:

- The weight of each library varies somewhat based on the type and number of LTO tape drives contained in the configuration. The weights shown here is for MSL2024 configurations with 1/2 drives respectively per model
- Configurations with different numbers of tape drives can be calculated by adding or subtracting the weight of a tape drive. An LTO-6 Ultrium 6250 drive weighs 2.10 kg/4.63 lb

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System specifications

Specifications	Description	
Reliability	MSBF (Mean Swaps Between Failures)	2 million robot load/unload cycles
	MTBF (Mean Time Between Failures)	100,000 hours (Based on 1 million MSBF)
Average cartridge swap time (Drive to slot, Slot to drive)	45s	
Initialization time	80 to 120s	
Inventory time (Using bar code labeled cartridges)	1:20 min	
Connectors	<ul style="list-style-type: none"> Mini-SAS (MSL SAS Model only) 68-pin HDTS (MSL SCSI Model only) LC optical fibre (MSL FC Model only) One RJ-45 ethernet One USB port 	
Management interface	<ul style="list-style-type: none"> 10/100 Mb/s, Auto-configuring interface RJ-45 Connection https Configurable 	
Maximum number of drives	Up to 2	
Number of slots	24	

Specifications	Description
Drive interface	<ul style="list-style-type: none"> 8Gb Native fibre channel 6 Gb/s SAS
Maximum capacity	<ul style="list-style-type: none"> 288TB (LTO-8) 144TB (LTO-7) 60TB (LTO-6) 36TB (LTO-5)
Native	
Compressed (2.5:1)	<ul style="list-style-type: none"> 720TB (LTO-8) 360TB (LTO-7) 150TB (LTO-6)
Compressed (2:1)	72TB (LTO-5)
Maximum transfer rate (Native)	<ul style="list-style-type: none"> 2.16 TB/hr (2 x LTO-8) 2.16 TB/hr (2 x LTO-7) 1.15 TB/hr (2 x LTO-6) 1.0 TB/hr (2 x LTO-5)

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Electrical specifications

Specifications	Description
Power (Maximun)	168 W
Input voltage	100 to 240 V ac
Frequency	50 to 60 Hz
Input current	2.5 A

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Environmental specifications

Specifications	Description	
Relative humidity (Non-condensing)	Operating	20 to 80%
	Shipping	20 to 90%
Temperature range (Wet bulb)	Operating	10° to 35°C (50° to 95°F)
	Shipping	-30° to 60°C (-22° to 140°F)
Altitude	Operating	4000 m (13,000 ft)
	Shipping	10,675 m (35,000 ft)

NOTE: Library operating temperature limits are based on the industry standard tape limit

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Link to product overview information

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