T50e Data Sheet

Feature	Spectra T50e
Capacity	50 LTO-5 or LTO-6 Tapes 150 TB Compressed, 75 Native with LTO-5[1] 313 TB Compressed, 125 Native with LTO-6[2]
Data Throughput	4 Half-Height with LTO-5 / 4 Half-Height with LTO-6 2 TB/Hour Native with LTO-5 / 2.3 TB/Hour Native with LTO-6

Physical Dimensions	Tabletop unit: 7.3" H x 17.5" W x 31.6" D
	           18.5 cm H x 44.4cm W x 80.4 cm D
	
	Rack-mounted (4U): 6.9" H x 17.5" W x 31.6" D
	           17.4cm H x 44.4cm W x 80.4cm D

Media Handling	Magazine design that facilitates fast bulk load/unload of media. Data protection outside of library with TeraPack media handling.
Drive Technology	LTO
Library Sharing Capability	Integrated in-band library partitioning with Shared Library Services (SLS). SLS operates without the need for additional servers, connections or client software.
Channel Connectivity	Single port 8 Gb/s Fibre Channel direct connect (auto-negotiates to 4Gb/s or 2 Gb/s) Dual port 6 Gb/s SAS LTO-5 direct connect (auto-negotiates to 3Gb/s)
Reliability, Availability, Serviceability (RAS)	Dual AC input power with N+1 hot-swap DC power supplies. Reliable BlueScale architecture and SpectraGuard Support. Assisted Self Maintenance option leaves hot spares kit on-site so failed components can quickly be replaced and uptime maximized.
Customer Replaceable Units (CRU)	The following can be replaced by the customer without assistance: tape drives, power supply, library control module, robotic assembly, air filters
User Library Interface: Front Panel and Browser	Color, high resolution graphical front panel touch-screen and an identical browser-based Remote Library Controller (RLC). RLC works from any browser; no need for external components. RLC can be secured using SSL.

[1] LTO-5 compression capacity calculated using 2:1
[2] LTO-6 compression capacity calculated using 2.5:1.

T50e Data Sheet

Facility Planning

Physical (Front View)

Physical Specification

Height TableTop/Rack-Mount	7.3 in. (18.5 cm)/6.9 in (14.4 cm)
Width TableTop/Rack-Mount	31.6 in. (44.45 cm)/31.6 in. (44.45 cm)
Depth TableTop/Rack-Mount	36.5 in. (92.71 cm)
Weight (unloaded chassis)	160 lbs. (72.57 kg)
Weight (fully loaded)	305 lbs. (138.35 kg)

Power Specifications

Input Voltage	100–127 VAC, 50/60 Hz (4 amps per cord) 200–240 VAC, 50/60 Hz (2 amps per cord)
Frequency	50/60 Hz
Circuit Breaker (Maximum)	15 Amps
Power Cord	NEMA 5-15P
Power Input Connector	IEC CEE-22
Power consumption	Maximum: 187 watts
Heat Load	Maximum: 638 BTU/hour

Temperature

Factor[3]	Operating[4]	Operational Storage	Archival Storage	Shipping
Temperature	50°F to 113°F (10°C to 45°C)	61°F to 90°F (16°C to 32°C)	61°F to 77°F (16°C to 25°C)	−9°F to 120°F (−23°C to 49°C)
Relative Humidity	10% to 80%	20% to 80%	20% to 50%	5% to 80%
Wet Bulb Temperature	79°F (26°C)	79°F (26°C)	79°F (26°C)	79°F (26°C)

Reliability Statistics

Mean Cycles Between Failures (MCBF)	Mean Time Between Failures (MTBF)	Mean Time to Repair (MTTR)
Over 1,000,000	100,000 power-on hours	<20 minutes for hot swap components and non-hot swap components

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[3] All specifications are subject to change without notice.

[4] The upper limit applies to the tape drive, not the library. Be sure there is adequate air flow around library at all times.