



T120 Data Sheet

Feature	Spectra Logic T120
Capacity	120 LTO-5 or LTO-6 Tapes 360 TB Compressed, 180 TB Native with LTO-5 ¹ 750 TB Compressed, 300 TB Native with LTO-6 ²
Data Throughput	10 Half-Height drives with LTO-5 or LTO-6 5 TB/Hour Native with LTO-5 5.8 TB/Hour Native with LTO-6
Physical Dimensions	24.5 " x 17.5" W x 37.5" D H62 cm H x 44 cm W x 93 cm D
Media Handling	TeraPack design that facilitates fast bulk load/unload of media and protection outside of library.
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	Dual 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 be quickly 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.

Facility Planning

Physical (Front View)

Physical Specification

Height	24.5 in. (62.23 cm)
Width	17.5 in. (44.45 cm)
Depth	37.5 in. (92.71 cm)
Weight (unloaded chassis)	160 lbs. (72.57 kg)
Weight (fully loaded)	305 lbs. (138.35 kg)



Power Specifications

Input Voltage	100-240 VAC, single phase
Frequency	50/60 Hz
Circuit Breaker (Maximum)	10 Amps
Power Cord USA only	3136 Standard 110-120V, NEMA 5-15 C13, 6ft/ 2m
Rack Power Connector PDU Connector	(110-240V, 50-60Hz), IEC C14-C13, 6ft/2m
Power Consumption	Maximum 455 Watts
Heat Load	Maximum 1551 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% - 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	250,000 power-on hours	3 minutes for hot-swap components and 30 minutes average for non-hot swap components

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.