

Feature	Spectra Logic T200
Storage Capacity	200 LTO-5 or LTO-6 Tape Cartridges 300 TB Native, 600 TB Compressed with LTO-5 (2:1 Compression) 500 TB Native, 1,250 TB Compressed with LTO-6 (2.5:1 Compression)
Sustained Data Throughput	8 LTO-5 or LTO-6 (full height) Drives 4.0 TB/hr Native, 8.0 TB/hr Compressed with LTO-5 (2:1 Compression) 4.6 TB/hr Native, 11.5 TB/hr Compressed with LTO-6 (2.5:1 Compression)
Physical Dimensions (20U in a Rack)	H: 35" x W: 17.5" x D: 41" H: 88.9cm x W: 44.5cm x D: 104cm (Front Panel W: 19" or 48.3cm)
Media Handling	TeraPack design with media prefetch, facilitates fast bulk load/unload of media Data protection outside of library w/dust cover and media handling accessories
Bulk Media Unload Time (100 Cartridges)	5 Minutes
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
Fibre Channel SAN Support	Dual port 4 GB Fibre Channel Robotics Interface Module (RIM) w/in-band robotic control – No single point-of-failure, supports fail-over. RIM designed with cable-free backplane design and hot-swap capability. Or 4 GB & 8 GB (LTO-5 and LTO-6* only) Fibre Channel direct connection to LTO-3, LTO-4, LTO-5 and LTO-6* tape drives
Reliability, Availability, Serviceability (RAS)	Dual AC input power & 2N hot-swap DC power supplies Endura RAS architecture and SpectraGuard Support Customer Replaceable Units (CRU) with hot spares kit on site for maximum uptime
Customer Replaceable Units (CRU)	The following can be replaced by the user without the assistance of an on site tech: Tape Drives, Cooling Fans, DC Power Supplies, Interface Modules, Library Control Module, TeraPack Transporter Assembly
User Library Interface (local and remote)	Color, high resolution graphical touch screen on library Browser-based Remote Library Controller (RLC) emulates look and feel of touch screen RLC works from any browser; no need for external components

Facility Planning

Physical (Front View)

Footprint

Height: 48.67" Width: 17.5" Depth: 40.5"



Power Requirements

Electrical Rating	100-240 VAC, 6.25-13A, 50-60 Hz
Power Consumption (Library – no drives)	Nominal: 125 watts Maximum: 175 watts
Heat Load (Library – no drives)	Nominal: 427 BTU/hour Maximum: 598 BTU/hour
Power Cord	Three-conductor, 14-gauge, IEC320-C19, 16A, UL and CSA

Configuration	avg watts	max watts	BTU/hr	amps@ 200VAC	amps@ 240VAC
Base Unit w/ 4 Drives	240	400	820	2.97	2.47
Base Unit w/ 8 Drives	305	550	1042	4.10	3.42

Temperature

Factor	Operating	Operational Storage	Archival Storage	Shipping
Temperature	50°F to 113°F (10°C to 45°C)	50°F to 90°F (10°C to 32°C)	50°F to 77°F (10°C to 25°C)	-9°F to 120°F (-23°C to 49°C)
Relative Humidity	10%-80%	20%-80%	20%-50%	5%-80%
Wet Bulb Temperature	77°F (25°C)	77°F (25°C)	77°F (25°C)	77°F (25°C)

Reliability Statistics

Mean Cycles Between Failures (MCBF)	Mean Time Between Failures (MTBF)	Mean Time to Repair (MTTR)
2,000,000 Cycles	250,000 Power-on Hours.	3 minutes for hot-swap components 30 minutes average for non-hot swap components