



ETERNUS Tape Libraries Comparison Chart

Product name		ETERNUS LT250		ETERNUS LT270	
Exterior					
Class		Mid-range		Enterprise	
Form factor		Rack mount/Floor stand		Floor stand	
Number of cartridges		61 - 91 ^(Note 1, 2)		134 ^(Note 3) 248 ^(Note 3) 470 ^(Note 3) 601 - 709 ^(Note 3, 4)	
Number of cabinets		—		1	
Maximum storage capacity	Ultrium4 data cartridges (In uncompressed mode)	72.8TB		91.2TB 182.4TB 358.4TB 463.2TB - 549.6TB ^(Note 4)	
	Ultrium3 data cartridges (In uncompressed mode)	36.4TB		45.6TB 91.2TB 179.2TB 231.6TB - 274.8TB ^(Note 4)	
	Ultrium2 data cartridges (In uncompressed mode)	18.2TB		22.8TB 45.6TB 89.6TB 115.8TB - 137.4TB ^(Note 4)	
Data transfer speed (In uncompressed mode)		Max.: 2.59TB/h		Max.: 8.64TB/h	
Installed components	Tape drives	LTO Ultrium4 full-height LTO Ultrium3 full-height		LTO Ultrium4 full-height LTO Ultrium3 full-height	
	Number of robots	1		2	
	Number of tape drives	Max.: 6		2 - 20 20 - 2 ^(Note 5)	
	Number of cartridges at CAS ^(Note 6)	9 tapes x 2		10 tapes x 2	
Tape drive specifications	LTO Ultrium4 full-height tape drive	Data transfer speed	240MB/sec (In compressed mode) 120MB/sec (In uncompressed mode)	240MB/sec (In compressed mode) 120MB/sec (In uncompressed mode)	
		Storage capacity	1,600GB/tape (In compressed mode) 800GB/tape (In uncompressed mode)	1,600GB/tape (In compressed mode) 800GB/tape (In uncompressed mode)	
	LTO Ultrium3 full-height tape drive	Data transfer speed	160MB/sec (In compressed mode) 80MB/sec (In uncompressed mode)	160MB/sec (In compressed mode) 80MB/sec (In uncompressed mode)	
		Storage capacity	800GB/tape (In compressed mode) 400GB/tape (In uncompressed mode)	800GB/tape (In compressed mode) 400GB/tape (In uncompressed mode)	
Host interface	LTO Ultrium4 tape drive	FC	2 - 6	2 - 20 20 - 2	
		SCSI	—	—	
	LTO Ultrium3 tape drive	FC	—	2 - 20 20 - 2	
		SCSI	2 - 6	—	
Required 19 inch rack height		18U		—	
Supported servers		Mission Critical IA/UNIX/Industry Standard servers		Mission Critical IA/UNIX/Industry Standard servers	
Logical Library function		Yes (2 logics)		Yes (Max. 4 logics)	
Encryption Key Management function		Yes		Yes	
Dimensions	Width	Rack mount: 440 mm Floor stand: 546 mm		780 mm	
	Depth	Rack mount: 820 mm Floor stand: 969 mm		1,270 mm	
	Height	Rack mount: 787 mm Floor stand: 897 mm		1,980 mm	
Maximum weight ^(Note 7)		Rack mount: 139 kg Floor stand: 196 kg		670 kg	
Power requirements/Voltage		AC100V - 240V		AC100V - 120V ^(Note 8) AC200V - 240V	
Maximum power consumption		500W		3.2 kw	
Maximum heat dissipation		1,800 kJ/h		16,000 kJ/h	
Required power plugs		4		2	
Power plug type	AC100 - 120V	NEMA 5-15		NEMA 5-15	
	AC200 - 240V	NEMA L6-15		NEMA L6-30P	

Note 1: When using 1 CAS port (9 cartridges) as a user cell.

Note 2: The max number of cartridges is 88, when the auto cleaning function is used.

Note 3: The number of cartridges includes 20 cartridges for CASs and 2 cartridges for system cells.

Note 4: The number of cartridges and storage capacity differs depending on the number of tape drives.

Note 5: The number of cells to store cartridge tapes differs depending on the number of tape drives.

Note 6: CAS stands for Cartridge Access Station.

Note 7: Excluding cartridge tape weight.

Note 8: The maximum number of tape drives is 8.