

OVERLAND STORAGE PowerLoader™

Reliable, Unattended Storage for Workgroups



Equipped with a removable magazine and controlled by field-proven robotics, the Overland Storage PowerLoader provides reliable storage for 1.2 TB to 6.8 TB of compressed mission-critical data, with features normally found in large libraries. No other tape automation device supports the wide selection of drive technologies that PowerLoader supports including DLT 8000, SDLT 220, SDLT 320, AIT-2, AIT-3, LTO Ultrium Generation 1 and Generation 2 (LTO-1 and LTO-2).

DOUBLE YOUR EFFICIENCY

PowerLoader is available with your choice of one or two tape drives. This dual-drive architecture protects your investment in PowerLoader by enabling you to upgrade your single-drive unit to a dual-drive unit for faster backup and restore operations. Dual drives also permit tape duplication in a single chassis, so you can clone vital data to store off-site.

LIBRARY FEATURES AT AN AUTOLOADER PRICE

The PowerLoader includes many features typically found in higher-priced automated storage solutions. It offers a password-secured, front-removable cartridge magazine that makes media swapping a breeze, a bar-code scanner for fast cartridge inventory, and an easy-to-use operator panel. What's more, the PowerLoader AIT models also feature a mailslot for loading and unloading single cartridges.

REMOTE SYSTEM MANAGEMENT

PowerLoader provides many of the features normally found in large libraries, all at an autoloader price. Overland gives you the ability to control your PowerLoader from remote locations via the optional Web TLC™. This platform-independent LAN attachment operates with any Web browser so you can verify status and control operations at anytime, from anywhere.

COMPATIBILITY TO KEEP YOU CONNECTED

Supports all major operating systems including HP-UX, IBM AIX, Linux, Mac OS, Novell NetWare, SCO UNIX, Sun Solaris, Tru64 UNIX, Windows NT/2000 as well as all major backup software applications. The list of software and operating systems supported can be found at www.overlandstorage.com.

SERVICE YOU CAN COUNT ON

- 3-year warranty including XchangeNOW.
- Optional on-site service is available. Please ask for details.

ABOUT OVERLAND STORAGE

- Over 20 years of experience in data protection and tape storage solutions.
- Engineering excellence with award-winning library robotics design.
- Overland meets the needs of IT professionals in industries worldwide.

All capacity and transfer rates assume a 2:1 data compression ratio for DLT/SDLT/LTO and 2.6:1 for AIT.



	LTO-1	LTO-2	SDLT 220	SDLT 320	DLT 8000	AIT-2	AIT-3
RELIABILITY							
Robotics MSBF (exchanges)	>1,500,000	>1,500,000	>1,500,000	>1,500,000	>1,500,000	>2,000,000	>2,000,000
Drive MTBF	250,000 hours	250,000 hours	250,000 hours	250,000 hours	250,000 hours	300,000 hours	400,000 hours
CONNECTIVITY							
Interface	LVD SCSI	LVD SCSI	LVD SCSI	LVD SCSI	HVD or LVD SCSI	HVD or LVD SCSI	LVD SCSI
POWER REQUIREMENTS							
Voltage	100 to 240 VAC						
Frequency	50 to 60 Hz						
Power	.36 KVA max.						
AGENCY APPROVALS							
Agencies	UL, UL-Canada, TUV PS, CE Marking, FCC and VCCI						
ACCESSORIES							
Bar Code reader, SCSI cable, SCSI terminator, data cartridge and cleaning cartridge (except for SDLT 220 and SDLT 320).							
OPTIONAL ACCESSORIES							
Rackmount kit, extra magazines and add-on drive kit.							
DRIVES AND MEDIA							
Drive type	LTO-1	LTO-2	SDLT 220	SDLT 320	DLT 8000	AIT-2	AIT-3
Media type	Ultraium 1	Ultraium 2	Super DLTtape 1	Super DLTtape 1	DLTtape IV	SDX-500C	SDX-700C
SYSTEM CONFIGURATION							
Magazine size in slots	17	17	15	15	15	19	19
Number of magazines	1	1	1	1	1	1	1
Number of slots	17	17	15	15	15	19	19
Minimum no. of drives	1	1	1	1	1	1	1
Maximum no. of drives	2	2	2	2	2	2	2
Mail slots	0	0	0	0	0	1	1
CAPACITY							
Native capacity	1.7 TB	3.4 TB	1.65 TB	2.4 TB	0.6 TB	0.95 TB	1.9 TB
Compressed capacity*	3.4 TB	6.8 TB	3.3 TB	4.8 TB	1.2 TB	2.4 TB	4.9 TB
PERFORMANCE							
Native transfer rate (one drive)	54.0 GB/hour	108 GB/hour	39.6 GB/hour	57.6 GB/hour	21.6 GB/hour	21.6 GB/hour	43.2 GB/hour
Compressed transfer rate (one drive)	108 GB/hour	216 GB/hour	79.2 GB/hour	115.2 GB/hour	43.2 GB/hour	56.2 GB/hour	112.3 GB/hour
Native transfer rate (two drives)	108 GB/hour	216 GB/hour	79.2 GB/hour	115.2 GB/hour	43.2 GB/hour	43.2 GB/hour	86.4 GB/hour
Compressed transfer rate (two drives)	216 GB/hour	432 GB/hour	158.4 GB/hour	230.4 GB/hour	86.4 GB/hour	112.3 GB/hour	224.6 GB/hour
PHYSICAL DIMENSIONS							
Rackmount (HxWxD)	7 x 17 x 29.25 inches (17.8 x 43.2 x 74.3 cm)					7 x 17 x 24.5 inches (17.8 x 43.2 x 62.2 cm)	
Tabletop (HxWxD)	8 x 17.25 x 29.25 inches (20.3 x 43.8 x 74.3 cm)					8 x 17.3 x 24.5 inches (20.3 x 44 x 62.2 cm)	

* Assumes compression ratio of 2:1 for DLT/SDLT/LTO and 2.6:1 for AIT. Actual performance may vary with the application.

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