

Overland
STORAGE

ARCvault™

Simple and Affordable Automated Backup, Recovery, and Archive

ARCvault®

ARCvault® 12 Autoloader,
ARCvault® 24 Library and
ARCvault® 48 Library

Whether you're a small-or medium-sized business, or a remote location of a larger corporate office, you are likely being faced with increasing data backup requirements on a limited budget. As the amount of data you need to protect continues to grow, your IT resources are probably stretched to the limits in order to meet shrinking backup windows and long-term storage requirements. Chances are you need backup and archive solutions that deliver high capacity and simplicity at an affordable price. The ARCvault™ family of tape automation backup and archive solutions combines the best in capacity, density and affordability for small and medium business data protection.

ARCvault 12 Autoloader

Designed for small office environments, simplicity and affordability are at the heart of the ARCvault 12 design. Packaged in a space-saving 2U form factor, the ARCvault 12 autoloader packs up to 19.2 TB of backup/archive capacity into a solution optimized for space-constrained environments. A removable 12-cartridge magazine makes it easy to load and unload cartridges, as well as store tapes offline. ARCvault's user-friendly remote management tool makes managing your backup/archive operations a breeze from anywhere in the world. Best of all, ARCvault delivers five times the capacity of a comparably-priced stand-alone tape drive and 50 percent more capacity than its closest autoloader competitor.

ARCvault 24 Library

When your business outgrows the capacity and performance capabilities of an autoloader, the ARCvault 24 library delivers more bang for your buck. Still packaged in the space-saving 2U form factor, the ARCvault 24 delivers up to 38.4 TB of capacity. Support for dual HP LTO tape drives ensures a reliable backup by offering tape drive redundancy. Ease of use and reduced cost of ownership are at the heart of the ARCvault 24. Two removable 12-cartridge magazines ensure easy access to your data. The intuitive, user-friendly remote management capability simplifies setup, configuration and management via any web-based browser. Tape drives can be easily removed and replaced, protecting your investment by allowing for easy upgradability.

ARCvault 48 Library

As the newest member of the ARCvault family, the ARCvault 48 is the ideal backup/archive solution for IT environments with big-business demands and small-business budgets. While the ARCvault 48 takes advantage of the ease-of-use, space-saving and cost-of-ownership advantages delivered by the ARCvault 12 and 24, it takes tape backup and archive to the next level making it the ideal solution for midrange applications. Packing over 76.8 TB into just 4U of rack space, the ARCvault 48 delivers 25 percent more capacity than more expensive competitive tape libraries.

Many ARCvault features are common across the entire family, minimizing your support costs and ultimately protecting your investment. Cartridge magazines are interchangeable across all ARCvault models. Tape drives are easily removed, replaced and added without removing the autoloader/library from the rack - and are interchangeable across the entire family. All ARCvault products utilize Automation Drive Interface, ensuring simplified connectivity and enhanced performance and reliability. All ARCvault products utilize a touch-screen front panel for simplified, user-friendly setup and configuration. For more in-depth setup, configuration and management convenience, all ARCvaults include Overland's remote management utility that features phone-home capability, automated help functions and enhanced firmware upgrade capability.

For more than 25 years, businesses have trusted Overland Storage to protect their most valuable information with industry-leading backup and recovery solutions. Overland's family of disk and tape solutions, combined with our superior service, support and quality focus, ensure that your data is automatically safe, readily available and always there.



- ➔ Available with HP LTO-2, LTO-3 or LTO-4
- ➔ 2.4 TB to 76.8 TB capacity
- ➔ Support for up to four HP LTO tape drives (86.4 GB/hr - 2.3 TB/hr.)
- ➔ Space-saving 2U & 4U rack-optimized form factors
- ➔ Up to four removable 12-cartridge magazines
- ➔ Flexible connectivity with SCSI, SAS, and FC interfaces
- ➔ Standard bar code and remote management

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ARCvault® 12 , ARCvault® 24, and ARCvault® 48

SPECIFICATIONS	ARCVAULT 12 TAPE AUTOLOADER	ARCVAULT 24 TAPE LIBRARY	ARCVAULT 48 TAPE LIBRARY
NUMBER OF CARTRIDGE SLOTS	12	24	48
CAPACITY (TB)* LTO-2 LTO-3 LTO-4	4.8 TB 9.6 TB 19.2 TB	9.6 TB 19.2 TB 38.4 TB	n/a 38.4 TB 76.8 TB
NUMBER OF HP DRIVES (HH)	One LTO-2, LTO-3, or LTO-4	Up to Two LTO-2, LTO-3, or LTO-4	Up to Four LTO-3 or LTO-4
TRANSFER RATE (GB/HR.)* LTO-2 HH (GB/hr.) LTO-3 HH (GB/hr.) LTO-4 HH (GB/hr.)	173 432 576	346 864 1152	n/a 1728 2304
INTERFACE	Ultra 160 LVD SCSI (LTO-2) Ultra 320 LVD SCSI (LTO-3, LTO-4) 3Gbs SAS (LTO-4)	Ultra 160 LVD SCSI (LTO-2) Ultra 320 LVD SCSI (LTO-3, LTO-4) 4Gb native FC (LTO-3, LTO-4) 3Gbs SAS (LTO-4)	Ultra 320 LVD SCSI (LTO-3, LTO-4) 4Gb native FC (LTO-3, LTO-4) 3Gbs SAS (LTO-4)
RELIABILITY MCBF MTBF MTR	>2,000,000 250,000 hours <30 minutes	>2,000,000 250,000 hours <30 minutes	>2,000,000 250,000 hours <30 minutes
USER INTERFACE	touch-screen front panel	touch-screen front panel	touch-screen front panel
REMOTE MANGEMENT	10/100 BaseT Ethernet Standard web browser	10/100 BaseT Ethernet Standard web browser	10/100 BaseT Ethernet Standard web browser
PHYSICAL SPECIFICATIONS Dimensions Packaged Dimensions Weight Packaged Weight	3.475" (h) x 18.9" (w) x 34.25" (d) 10" (h) x 23" (w) x 38.5" (d) 35 pounds 50 pounds	3.475" (h) x 18.9" (w) x 34.25" (d) 10" (h) x 23" (w) x 38.5" (d) 38 pounds 53 pounds	6.95" (h) x 18.9" (w) x 34.25" (d) 14" (h) x 23" (w) x 38.5" (d) 51 pounds 70 pounds
MAILSLOT (I/E SLOT)	n/a	0, 1 or 12 slots	0, 1, 2 or 12 slots
BARCODE READER	standard	standard	standard
PARTITIONING	n/a	n/a	Up to 2 partitions
POWER Voltage Frequency Consumption	100-120 VAC (low), 200-240 VAC (high) 50 - 60 Hz 55 watts, typical	100-120 VAC (low), 200-240 VAC (high) 50 - 60 Hz 85 watts, typical	100-120 VAC (low), 200-240 VAC (high) 50 - 60 Hz 85 watts, typical
ENVIRONMENTAL REQUIREMENTS Humidity Temperature Altitude Shock Vibration	15 - 85% (operating, non-condensing) 10 °C to 40 °C (operating) -1,000 to 10,000 feet 1.5Gs 5-1000-5 Hz	15 - 85% (operating, non-condensing) 10 °C to 40 °C (operating) -1,000 to 10,000 feet 1.5Gs 5-1000-5 Hz	15 - 85% (operating, non-condensing) 10 °C to 40 °C (operating) -1,000 to 10,000 feet 1.5Gs 5-1000-5 Hz
AGENCY CERTIFICATIONS	NTRL: (US &-Canada), CE Mark, FCC, ICES, VCCI and BSMI	NTRL: (US &-Canada), CE Mark, FCC, ICES, VCCI and BSMI	NTRL: (US &-Canada), CE Mark, FCC, ICES, VCCI and BSMI
WARRANTY	One year XchangeNow® Extended service options available	One year XchangeNow® Extended service options available	One year On-site Extended service options available
INCLUDED IN STD.SCSI CONFIGURATION	Autoloader, single tape drive, terminator, US power cord, host cable, bar code labels, documentation CD, quick start guide, rack mount hardware	Library, single tape drive, terminator, US power cord, host cable, bar code labels,documentation CD, quick start guide, rack mount hardware	Library, single or dual tape drive(s), terminator, US power cord, host cable, bar code labels, documentation CD, quick start guide, rack mount hardware
AVAILABLE ACCESSORIES	LTO-3 media LTO-4 media ARCvault 12/24 Updgrade Kit	LTO-3 media LTO-4 media LTO add-on drive kits	LTO-3 media LTO-4 media LTO add-on drive kits

*Assumes 2:1 compression ratio



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