

| MAINFRAME VIRTUAL TAPE

OPTICA zVT PRODUCT OVERVIEW

Optica's next generation family of zVT mainframe virtual tape products delivers new levels of modularity, scalability and performance. When combined with Optica's world-class service and support and satisfaction guarantee, the zVT 5000-iNAS, zVT 3000i and zVT 5000-FLEX offer the optimal mix of enterprise-class features, ease of implementation and affordability required to serve the broadest set mainframe customers and workloads in the industry.

The zVT 5000-FLEX Virtual Tape System enables you to leverage your existing investment in NFS or Fibre Channel (FC) storage. zVT 5000-FLEX connects to the mainframe via (2) FICON channels and can scale from 16 to 256 virtual tape devices in a single 2U appliance. zVT 5000-FLEX is available with (2) 1-GbE, (2) 10-GbE or (2) 8-Gbps Fibre Channel ports for backend connectivity to your existing storage. The 5000-FLEX exploits deduplication, replication, encryption and compression storage features that you're already using. The zVT 5000-FLEX can be deployed in a multi-node configuration with NFS storage for additional scalability and resiliency.

5000-FLEX FEATURES

- Mainframe Connectivity: (2) 8Gb FICON interfaces
- Storage connectivity options: 1GbE standard, 10 GbE or 8Gb FC optional
- Virtual Tape Drive support options: 16, 64 or 256 per Virtual Tape Node (VTN)
- Tape Emulation Support: 3490 and 3590
- User access/management: GUI, CLI, and JCL interfaces
- Multi-node support for advanced scalability and resiliency**
- Integration and compatibility testing with tape management applications and tools
- Efficient 2U form factor

**multi-node support is only available for NFS environments.

BENEFITS

- Leverage your existing investment in NFS or FC storage
- Flexible, scalable, resilient and affordable
- Easy to install, implement and manage
- Support for deduplication, compression, replication and encryption
- Deploy with no impact to tape operations or applications
- Improve reliability, integrity, and performance of backup and recovery
- Improve Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO)



Reliable

- Built on a proven, 4th generation hardware platform
- Operating in the world's most demanding datacenters
- Strategic IBM z Systems partner

Compatible

- Industry standard, non-proprietary AWS file format
- Operating System Support - z/OS, z/VM and z/VSE
- Testing & integration with leading tape management applications & tools

Scalable and Resilient

- Multi-node, Highly Availability configuration support
- Deduplication, replication and encryption features available
- Up to 1PB of storage capacity in a single cabinet (zVT 5000-iNAS)

World Class Service & Support

- Professional Services
 - Planning & design
 - Configuration & implementation
 - Migration tools & services
 - Education & skills transfer
- 7/24 technical support & maintenance globally

Satisfaction Guarantee

- We guarantee your satisfaction. If you are not completely satisfied, you may return the product

Environment

Temperature:

- System on: 10°C to 35°C (50°F to 95°F)
- System off: -40°C to 65°C (-40°F to 149°F)
- Altitude 0 to 3048 m (10,000 feet)
- Humidity, Operating: 10% to 80% with 29°C (84.2°F) maximum dew point.
- Humidity, Non-operating: 5% to 95% with 33°C (91°F) maximum dew point. Atmosphere must be non-condensing at all times.

Dimensions

- Height: 2U or 86.8 millimeters or 3.42 inches
- Width: 434.0 millimeters or 17.09 inches (standard 19-inch rack mount)
- Depth: 715.5 millimeters or 28.17 inches (from back of front bezel to rear)
- Depth: 751.34 millimeters or 29.58 inches (including front bezel)
- Weight: Approximately 26 kilograms or 57 pounds

Power

- Dual (2) Power Supplies with IEC-C14 AC outlets; 100/240 Volt; 50/60 Hz, auto-sensing (equipment side)
- Current = 110V-6.5 amps total / 220V-3.0 amps total (balanced across 2 Hot-Swap Power Supplies)
- Watts = 495

Cooling

- Calibrated Vecteded Cooling with redundant fans
- BTU = 1908 BTU/hr max

ABOUT OPTICA

Optica Technologies, a privately held corporation, is headquartered in Louisville, Colorado with sales and marketing offices in Ohio and New York. The company has been developing, producing and marketing high-quality computer connectivity solutions since 1967 and is a recognized leader in the mainframe market.



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