



OVERVIEW

Optica's zVT family of mainframe virtual tape products deliver new levels of modularity, scalability and performance. When combined with Optica's world-class service and satisfaction guarantee, the zVT 5000-iNAS, zVT 3000i and zVT 5000-FLEX offer a variety of enterprise class features required to serve the broadest set of mainframe customers and workloads in the industry.

The **zVT 3000i** is an affordable, all-in-one mainframe virtual tape solution that connects to the mainframe via (2 or 4) FICON interfaces. The zVT 3000i ships with license support for 16 virtual tape drives and options for 8TB, 16TB or 24TB of useable internal RAID-6 storage. With a 4:1 benefit from standard hardware compression, the zVT3000i delivers 32TB, 64TB or 96TB of effective capacity. The zVT 3000i also supports enhanced data-integrity checking, zVT replication with cloud support and one-click DR testing and recovery.

The zVT 3000i is easy to install, implement and manage. It's perfect for companies with smaller, well-defined backup requirements. It's a logical replacement for 3490/3590 physical tape and older virtual tape solutions.

FEATURES

- (2 or 4) 16Gb/32Gb FICON interfaces (mainframe connectivity))
- Includes license support for (16) virtual tape drives (64 VTD and 256 VTD licenses optional)
- Internal RAID-6 storage available in (3) storage configurations:
 - o 8TB useable / 32TB effective
 - o 16TB useable / 64 TB effective
 - o 24TB useable / 96 TB effective
- 3490 and 3590 tape emulation support
- Flexible management via GUI, CLI, or JCL interfaces
- Support for zVT replication and monitoring (zVT to zVT)
- Cloud support
- Support for enhanced data integrity checking
- Support for encryption at rest
- Integrated and tested with leading tape management applications and tools
- Efficient form factor: 2U



Optica Technologies is a privately held corporation headquartered in Boulder, CO. The company is a recognized leader in delivering high quality storage and connectivity solutions for the mainframe. Optica's products are installed in thousands of mainframe datacenters worldwide.

BENEFITS

- Affordable, all-in-one solution
- Easy to install, implement and manage
- Perfect replacement for physical tape
- Deploy with no impact to tape operations or applications
- Improve reliability, data integrity validation, and performance of backup and recovery
- Improve Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO)

Reliable

- Built on a proven, 3rd generation hardware platform
- Operating in the world’s most demanding datacenters
- Optica is a 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 & Resilient

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

World-Class Service & Support

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

Satisfaction Guaranteed

If you’re not completely satisfied, return zVT, no questions asked.

ZVT SPECIFICATIONS

Environment

- Server on: 5°C to 40°C (41.0°F to 104°F)
- Server off: 5°C to 45°C (41.0°F to 113°F)
- Altitude 0 to 915 m (3,000 feet)
- Humidity, Operating: 8% to 85%, maximum dew point 24°C, maximum rate of change, 5°C/hr
- Humidity, Non-operating: 8% to 80%, maximum dew point 27°C

Cooling

- IBM Calibrated Vectored Cooling with up to four redundant fans
- Two fan zones with N+1 fan design (two motors each)
- BTU = 1229

Power

- Dual (2) Power Supplies with IEC-C14 AC outlets; 110/220 Volt; 50/60 Hz, auto-sensing (equipment side)
- Current = 110V-3.0 amps total / 220V-1.5 amps total (balanced across 2 Hot-Swap Power Supplies)
- Watts = 360

Network Connectivity

- One 1-Gigabit Ethernet port for user access to web-based zVT GUI and CLI

Dimensions

- Height: 2U or 86.5 millimeters or 3.4 inches
- Width: 445 millimeters or 17.5 inches (standard 19 inch rack mount)
- Depth: 746 millimeters or 29.4 inches
- Weight: Approximately 17 kilograms or 38 pounds

Mainframe Connectivity and Support

- Two or four, 8/16/32-Gbps capable FICON Interfaces (auto-negotiates to 8 Gbps or 4 Gbps)

OR

- Four ESCON Interfaces
- Supports z/OS, z/VM and z/VSE operating systems