



A FAMILY OF MAINFRAME VIRTUAL TAPE PRODUCTS

OVERVIEW

Optica's zVT family of virtual tape products are designed to serve the needs of the most demanding mainframe datacenters around the world. zVT products provide transparent support for all mainframe operating systems and tape management systems and are easy to install implement and manage. All zVT products are built on a reliable, third generation hardware platform, and include Optica's world-class service and support and satisfaction guarantee. The zVT family is available in three models to serve a wide variety of customer requirements; the zVT 5000-iNAS, the zVT 5000-FLEX and the zVT 3000i.

zVT 3000i is an affordable, all-in-one mainframe virtual tape solution. The zVT 3000i connects to the mainframe via (2) FICON interfaces. The zVT 3000i includes license support for 8 virtual tape devices and 4TB of RAID-5 protected storage in a single 2U appliance. The zVT 3000i comes pre-configured for easy installation. It's perfect for customers with smaller, well-defined backup requirements and as a replacement for 3490/3590 physical tape and older virtual tape solutions.

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, integrity, and performance of backup and recovery

Improve RTO and RPO (Recovery Time Objectives and Recovery Point Objectives)



FEATURES

- (2) 8Gb FICON interfaces (mainframe connectivity)*
- Support for (8) virtual tape drives
- 4TB of internal RAID-5 storage
- 3490 and 3590 tape emulation support
- Flexible management via GUI, CLI, or JCL interfaces
- Integrated migration tools

*available with (4) ESCON channels as well

zVT SPECIFICATIONS

Environment

Temperature:

- 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

Standard:

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

RELIABLE

- Built on a proven, 3rd 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 & RESILIENT

- Multi-node 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.

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 8-Gbps FICON Interfaces (auto-negotiates to 4 Gbps or 2 Gbps)
OR
- Four ESCON Interfaces
- Supports z/OS, z/VM and z/VSE operating systems

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.