zVT 3000i

OPTICA

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 3000i Virtual Tape Node (VTN) is an affordable, all-in-one mainframe virtual tape solution. The zVT 3000i connects to the mainframe via (2) FICON interfaces and includes license support for 16 virtual tape drives, 8TB of RAID-6 protected storage capacity and hardware compression in an economical 2U appliance. The zVT 3000i can be pre-configured for easy installation and is perfect for companies with smaller, well-defined backup requirements. The 3000i is also an excellent replacement alternative for 3490/3590 physical tape and older virtual tape solutions.

3000i FEATURES

- Mainframe Connectivity: (2) 8Gb FICON interfaces
- Virtual Tape Drive support: Licensed to support 16 virtual tape drives
- Storage capacity: 8TB of internal RAID-6 storage
- Tape emulation support: 3490 and 3590
- Hardware-based compression standard
- User access/management: GUI, CLI, and JCL interfaces
- Integrated and tested with leading tape management applications and tools
- Efficient 2U form factor

BENEFITS

- Affordable, all-in-one solution
- Easy to install, implement and manage
- Ideal replacement for physical tape and aging virtual tape systems
- 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
  o Planning & design
  o Configuration & implementation
  o Migration tools & services
  o 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 Vectored Cooling with redundant fans
- BTU = 1908 BTU/hr max