

## Powerful, Scalable Enterprise Storage

The **TrueNAS M-Series** stands as the cornerstone of enterprise storage solutions, offering unparalleled performance and reliability for mission-critical operations.

Designed with high-availability in mind, it seamlessly integrates open-source economics with enterprise-grade hardware, providing organizations with the flexibility and scalability they demand.

The TrueNAS M-Series systems support configurations ranging from hybrid to all-flash setups, featuring impressive specifications such as up to 1.5 TB of system memory, TrueCache NVDIMM and NVMe caching, and scalability reaching up to 30 PB of capacity.

### TrueNAS M-Series Features



#### TrueCache® NVDIMM Technology

TrueCache® NVDIMM, used in the M40, M50, and M60, provides fast, reliable, low-latency write caching by storing data before it's written to the ZFS pool, ensuring protection, mirroring, and high availability.



#### Self-Healing Data Protection

Using the OpenZFS file system, the M-Series automatically detects and repairs in-flight data corruption before it reaches the disk, thus, identifying and scrubbing data decay to ensure data integrity and reliability.



#### Performance & Scale Without Compromise

The TrueNAS M-Series combines DRAM, TrueCache® NVDIMM, and NVMe/SSD with high-density disks for low-latency flash performance at disk capacity and cost. It supports up to four 100 Gb/s network ports per controller for maximum data throughput.



#### Intelligent Storage Optimization

The M-Series optimizes storage with no-cost compression, snapshots, clones, and thin provisioning, while TrueNAS Adaptive Compression (TAC) dynamically adjusts compression to boost performance and maximize capacity.

Africaplus Direct Distribution Ltd (APDD) is an official partner and distributor of TrueNAS Open Enterprise Storage across Africa.

