



MACH8

Solid State Drive

High-Performance, High-Reliability
Enterprise Storage Solutions

ENTERPRISE CLASS SOLID STATE STORAGE

MACH8 is a reliable, drop in replacement solid state drive designed to deliver industry-leading performance and security for enterprise storage applications. MACH8 is revolutionizing the way SSDs are used as hard drive replacements resolves the major issues of lower power consumption reliability, performance and security.

Features

Outstanding performance

- Read performance of 10,000+ IOPS
- Sequential Read and Write in excess of 100MB/s
- Full Data Path Protection
- Built in AES encryption security
- Available in 8 to 256 Gbyte capacities
- Drop-in replacement for traditional hard drives
- Low power consumption

Reliability

Any data that is transferred to the drive is protected via powerful full data path protection. With an MTBF of 2,800,000 hours, the MACH8 is twice as reliable as the best-in-class HDD. The MACH8 also has a non-recoverable error rate less than 1 error per 10^{20} bits read.

Performance

No matter how you measure performance, the MACH8 will outperform the expectations. The MACH8 can achieve up to 100MB/s sustainable sequential read and write speed. The Drive can deliver up to 5,000 read IOPS in the base version and up to 10,000 in the MACH8IOPS version, 20 to 40 times more than the best HDD available on the market. All this extraordinary performance is achievable thanks to the revolutionary architecture of the Mach8, designed for speed and reliability.

Security

With built-in hardware encryption, the MACH8 SSD can provide guaranteed data protection securing your mission critical and confidential data with no loss to performance.

Enterprise HDD vs. MACH8 SSD COMPARISON

