

Boost Your Digital Performance with D2200 Series Unmatched Speed, Efficiency, and Versatility



Key Benefits

- Improved Management Capabilities
- Enhanced Data Security
- Increased Write Efficiency
- Future-Proofing
- Enhanced Performance and Reliability

The D2200 series delivers exceptional 4K random read/write performance, significant sequential read/write speed improvements to 14 GB/s and 10 GB/s and reduced read/write latency, ensuring consistent QoS and smooth operation for latency-sensitive applications. Comprehensive data protection features, including TCG Opal 2.0, ensure that data is securely encrypted and protected from unauthorized access, which is critical for maintaining data integrity and confidentiality. By adhering to the latest NVMe 2.0 and OCP 2.0 standards, the D2200 series ensures compatibility with future technologies and industry trends.

Swissbit D2200 Product Series

The benefit of the D2200 series being enhanced to meet NVMe 2.0 and OCP 2.0 standards, along with offering a range of advanced enterprise features, includes several key advantages:

- NVMe-MI 1.2b provides robust out-of-band management, allowing administrators to manage and monitor the SSDs efficiently, even when the main system is down or unresponsive.
- Comprehensive data protection features, including TCG Opal 2.0, ensure that data is securely encrypted and protected from unauthorized access, which is critical for maintaining data integrity and confidentiality.

- The support for 128K atomic writes enhances the efficiency and reliability of write operations, which is particularly beneficial for applications requiring high-speed data processing and consistency.
- By adhering to the latest NVMe 2.0 and OCP 2.0 standards, the D2200 series ensures compatibility with future technologies and industry trends, protecting your investment over time.
- These advanced features collectively contribute to higher overall performance, better reliability, and greater operational efficiency, making the D2200 series an excellent choice for demanding enterprise applications.

Applications

- Big Data
- High Performance Computing
- Cloud Computing
- Virtualization
- Artificial Intelligence
- Banking / High-frequency trading



D2200 Enterprise SSD

Form factor	U.2 15mm
Density	7.68 TB, 15.4 TB, 30.7 TB
NAND	Latest generation eTLC (enterprise grade) 3D NAND
Interface	PCIe 5.0, Gen5 x4, NVMe 2.0b
Endurance [DWPD] Enterprise WL	1.5 for 5 years

About Swissbit

Swissbit AG is the leading European manufacturer of storage, security and embedded IoT solutions for demanding applications. As trusted partner Swissbit empowers the digital and connected world by reliably storing and protecting data in industrial, security and IoT applications.