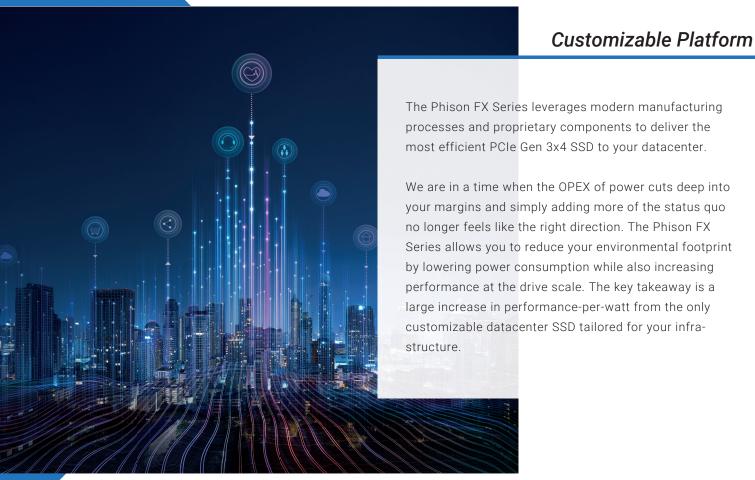


FX SSD Series: U.2 Enterprise PCIe Gen 3x4 TLC SSD



Advanced Features

Reliability

The FX Series SSD leverages Phison's 4th generation LDPC ECC Engine which can correct bits in a two stage process using a hard decoder and soft decoder. This ensures the customers data is protected throughout the life of the SSD.

PCIe Gen 3x4 Compatibility

The FX Series SSD is designed with the PCIe Gen 3x4 interface and the NVMe 1.3 command specification, making it easy to install in existing backplanes.

Power Loss Protection

The FX SSD Series printed circuit board has extra capacitors (pFail) installed to continue to provide power to the SSD in the event of a sudden power loss. The pFail capacitors provide the SSD with the remaining power to write any cached data to the NAND storage to prevent data loss.

End-to-End Data Path Protection

From the moment data enters the FX SSD Series, a parity bit is generated that follows each byte from the interface to the NAND storage area ensuring user data has the maximum protection in integrity.

The data within this specification is subject to change by Phison without notice. Performance numbers may vary based on system configuration and testing conditions.

One-Of-A-Kind Products Tailored for Your Applications

The Phison FX Series is our first custom enterprise SSD that starts with a base design featuring highly efficient Phison CoXProcessors™. Phison's proprietary IP paired with ARM Cortex R5 provides an efficient, yet powerful combination to drive success. You choose the features and requirements to your specific needs and Phison utilizes their 20 years of experience to deliver the product you previously could only wish for.

FX Series: U.2 Enterprise PCle Gen 3x4 TLC SSD

- 1) 1MB/s = 1,000,000 bytes / second
- 2) Performance measured using FIO under Linux on the full LBA span of the test drive.
 - Sequential 128K queue depth 32.
 - Random gueue depth 32 with 4 workers.
 - 4K = 4096 bytes.
- 3) PWFX100 3 DWPD, 3200GB product tested for this specification.

