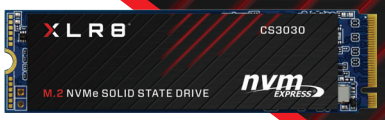
XLR8 GAMING



CS3030
Solid State Drive

Extreme Performance
Transfer speed faster than a traditional SSD

Enhanced Reliability
Non-volatile NAND up to 30 times more robust than HDDs

5-Year Warranty
Extended protection and peace of mind

CS3030 SOLID STATE DRIVES

The PNY XLR8 CS3030 M.2 NVMe SSD is an excellent choice for an NVMe upgrade from a SATA based solid state drive (SSD) in an existing NVMe enabled PC or MAC desktop or laptop computer. The CS3030 drive is designed to be a high performance SATA SSD replacement to help realize faster boot times, quicker application launches, and better overall system performance. Do more in less time with NVMe; boot up, power down, and load applications up to 6 times faster than with SATA based SSD's. With no moving parts, the PNY XLR8 CS3030 M.2 NVMe SSD is highly durable, less likely to fail, and supports up to 5 years of warranty.

The PNY XLR8 CS3030 M.2 NVMe Solid State Drive is the ideal solution to upgrade from a SATA based solid state drive (SSD) in an existing NVMe enabled PC or Mac desktop or laptop computer. The NVMe interface delivers exceptional performance of up to 3,500MB/s seq. read and 3,000MB/s seq. write speeds. It is designed to be a high performance SATA SSD replacement to help realize faster boot times, quicker application launches, and better overall system performance. With no moving parts, the PNY XLR8 CS3030 is highly durable, less likely to fail, and supports up to 5 years of warranty.

The PNY XLR8 CS3030 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS900 and CS1311 SSDs. We've taken the world's most advanced NAND flash and refined the CS3030 to achieve a higher threshold for endurance and reliability. PNY's extensive testing and rigorous validation process ensures compatibility across various platforms and multiple operating systems.

APPLICATIONS

- NVMe upgrade from a SATA based solid state drive (SSD) in an existing NVMe enabled PC or MAC desktop or laptop computer
- High performance SSD with up to 6 times the performance as compared to SATA based SSDs

FEATURES AND BENEFITS

- Sequential Read of up to 3500MB/s and Write of up to 3000MB/s
- Faster boot up and quicker application launch
- Better overall system performance
- Reliable storage
- Low power consumption, cool and quiet operation

PRODUCT SPECIFICATIONS

NAND Components	3D TLC Flash Memory
Interface	PCIe
Form Factor	M.2
PERFORMANCE (MAX SEQUENTIAL READ/WRITE)	
250GB	3,500 MB/s (Read), 1,050 MB/s (Write)
500GB	3,500 MB/s (Read), 2,000 MB/s (Write)
1TB	3,500 MB/s (Read), 3,000 MB/s (Write)
POWER	
PCIe Power Management	APST, ASPM, L1.2
TBW	250GB: 380, 500GB: 800, 1TB: 1665
ENVIRONMENTAL	
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Certifications	BSMI, CE, FCC, REACH, RoHS
RELIABILITY / SECURITY	
Mean Time Between Failures (MTBF)	2,000,000 Hours
Error Correction Code	Less than 1 sector per ten quadrillion bits read
Secure Erase	Standard, Enhanced Secure Erase
Product Health Monitoring	Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)
Full End-to-End Data path protection	Supported
RAID (0/1)	Supported
COMPATABILITY	
NVMe	NVMe 1.3
Operating Systems	Windows 10, Windows 8, Windows 7, Windows Vista™, Windows XP™, Linux, Mac OS X, Ubuntu 14
ADDITIONAL FEATURES	
Performance Optimization	TRIM (requires OS support)
Service & Support	5-Year Limited Warranty*

PRODUCT INFORMATION

Usable Capacities (IDEMA)	250GB, 500GB, 1TB
PNY Part Number	250GB: M280CS3030-250-RB 500GB: M280CS3030-500-RB 1TB: M280CS3030-1TB-RB
Box Dimensions	100 x 130 x 16 mm
Dimensions (L x W x H)	22 x 80 x 2 mm
Weight	6.6g

*For warranty details please see www.pny.com.

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