PNY®

CS2130
Solid State Drive

High 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

CS2130 SOLID STATE DRIVES

The PNY CS2130 M.2 NVMe SSD is an excellent choice for an NVMe upgrade from a SATA based solid state drive (SSD) in an NVMe enabled PC or MAC desktop or laptop computer. The CS2130 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.

The NVMe interface delivers exceptional performance of up to 3,500 MB/s seq. read and 3,000 MB/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 CS2130 is highly durable, less likely to fail, and supports a 5 year warranty.

The PNY CS2130 is engineered with the same level of quality and durability that our consumers have enjoyed with the CS900 SSD. We've taken the world's most advanced NAND flash and refined the CS2130 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 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 3,500 MB/s and Write of up to 3,000 MB/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 Flash Memory
Interface	PCIe Gen3 x4
Form Factor	M.2 2280
PERFORMANCE (MAX SEQUENTIAL READ/WRITE)	
500GB	3,500 MB/s (Read), 925 MB/s (Write)
1TB	3,500 MB/s (Read), 1,800 MB/s (Write)
2TB	3,500 MB/s (Read), 3,000 MB/s (Write)
POWER	
PCIe Power Management	APST, ASPM, L1.2
ENVIRONMENTAL	
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Certifications	BSMI, CE, FCC, KCC, REACH, RoHS, VCCI
RELIABILITY/SECURITY	
Mean Time Between Failures (MTBF)	2,000,000 Hours
Error Correction Code	LDPC (Low Density Parity Check) ECC Algorithm
Product Health Monitoring	Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T)
Full End-to-End Data path protection	Supported
Encryption	AES256
COMPATIBILITY	
RAID (0/1)	Supported
NVMe	NVMe 1.3
ADDITIONAL FEATURES	
Performance Optimization	TRIM (requires OS support)

PRODUCT INFORMATION

Service & Support	5-Year Limited Warranty*
Usable Capacities (IDEMA)	500GB, 1TB, 2TB
PNY Part Number	500GB: M280CS2130-500-RB 1TB: M280CS2130-1TB-RB 2TB: M280CS2130-2TB-RB
UPC	500GB: 751492636689 1TB: 751492636696 2TB: 751492636702
Box Dimensions	7,62 x 5,08 x 0,63 cm
Dimensions (L x W x H)	22 x 80 x 4 mm (Max)
Weight	6.6g

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

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