

PNY XLR8 CS3140 - SSD - 1 TB - internal

M.2 2280 - PCIe 4.0 x4 (NVMe) - 256-bit AES

Group	HDDs
Manufacturer	PNY
Manufacturer item no.	M280CS3140-1TB-RB
EAN/UPC	0751492642383



Description

The CS3140 M.2 NVMe Gen4 x4 Solid State Drive is the designed to be the highest performance NVMe Gen4 SSD currently on the market; delivering the extreme performance you demand. It is the ideal solution for PC enthusiasts, gamers, and video rendering professionals to upgrade to the latest in NVMe technology. The NVMe Gen4 x4 interface delivers incredible performance of up to 7,500MB/s seq. read and 6,850MB/s seq. write speeds and the optional integrated extruded aluminum heatsink offers improved thermal performance for demanding applications, high end games, and intense workloads. Boot up in seconds, enjoy lightning fast application launches, and incredible system performance.

Main features

Product Description	PNY XLR8 CS3140 - SSD - 1 TB - PCIe 4.0 x4 (NVMe)
Type	Solid state drive - internal
Capacity	1 TB
Encryption Algorithm	256-bit AES
Form Factor	M.2 2280
Interface	PCIe 4.0 x4 (NVMe)
Features	TRIM support, End-to-end data path protection, 3D NAND Technology, ECC Recovery LDPC, L1.2 low-power mode, NVM Express (NVMe) 1.4, Autonomous Power State Transition (APST), Active State Power Management (ASPM), S.M.A.R.T.
Dimensions (WxDxH)	22 mm x 80 mm x 4 mm
Weight	6.6 g

Extended details

General	
Device Type	Solid state drive - internal
Capacity	1 TB
Encryption Algorithm	256-bit AES
Form Factor	M.2 2280
Interface	PCIe 4.0 x4 (NVMe)
Features	TRIM support, End-to-end data path protection, 3D NAND Technology, ECC Recovery LDPC, L1.2 low-power mode, NVM Express (NVMe) 1.4, Autonomous Power State Transition (APST), Active State Power Management (ASPM), S.M.A.R.T.

Depth	80 mm
Height	4 mm
Weight	6.6 g
Performance	
Internal Data Rate	7500 MBps (read) / 5650 MBps (write)
Reliability	
MTBF	2,000,000 hours
Expansion & Connectivity	
Interfaces	1 x PCI Express 4.0 x4 (NVMe)
Compatible Bay	M.2 2280
Miscellaneous	
Compliant Standards	VCCI, BSMI, FCC, RoHS, REACH
Dimensions & Weight (Shipping)	
Shipping Width	10 cm
Shipping Depth	13 cm
Shipping Height	1.6 cm
Manufacturer Warranty	
Service & Support	Limited warranty - 5 years
Environmental Parameters	
Min Operating Temperature	0 °C
Max Operating Temperature	70 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	85 °C

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