

NVMe
REV 1.2



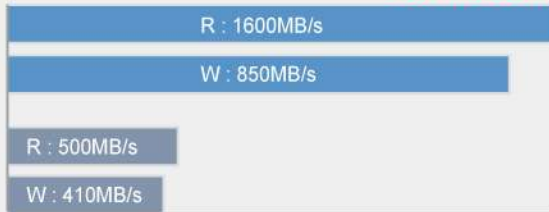
3D NAND

SLC Caching

LDPC ECC

M.2 PCIe SSD

2.5" SATA III SSD



3X faster

R/W performance Comparison of SATA III and M.2 PCIe SSD (Capacity : 256 GB)

- High speed 3D NAND synchronous flash
- Great performance and reliability
- SLC Caching technology to enhance R/W performance
- Advanced LDPC ECC Engine to prevent data errors
- Powerful wear leveling algorithm enhance lifespan
- Support NCQ/ TRIM command and Garbage Collection technology
- S.M.A.R.T. monitoring system

M.2 2280 PCIe NVMe SSD

PJ3280



Interface	PCIe NVMe Gen 3x2
Support	M.2 B key / M key
Capacity	128GB / 256GB / 512GB
Performance (up to)	128GB 1450MB/s(R) 450MB/s(W) 256GB 1600MB/s(R) 850MB/s(W) 512GB 1600MB/s(R) 950MB/s(W)
4K IOPs (up to)	128GB 61K(R) 83K(W) 256GB 86K(R) 83K(W) 512GB 90K(R) 83K(W)
Shock	1500G / 0.5ms
MTBF/ TBW	2,000,000 hours
Dimension	22 mm (W) x 80 mm (L)
Weight	10g
Voltage	3.3V
Operating temperature	0~70°C
Warranty	3

※ The product information and specifications are subject to change without prior notice.

※ Transfer rates may vary, depending on system platform, software, interface, capacity and device conditions.