



3D NAND

SLC Caching

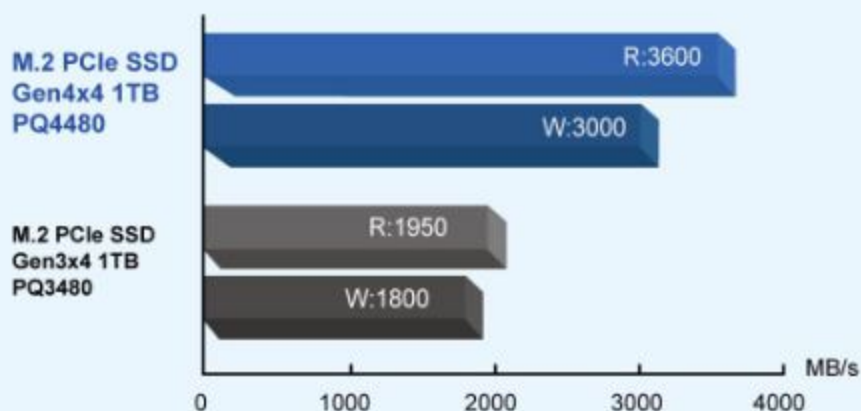
LDPC ECC

M.2 2280 PCIe Gen 4x4 SSD PQ4480

- Rigorously selected 3D NAND flash for great performance
- SLC Caching technology improve R/W speed
- LDPC ECC technology and E2E (end to end) data protection prevent data R/W error and guarantees reliability
- Support TRIM command, wear leveling and garbage collection technology to enhance lifetime
- NCQ command and data shaping increase efficiency and lifespan
- S.M.A.R.T. monitoring system

The R/W speed of PQ4480

1.8X faster than M.2 PCIe Gen3x4 SSD



Interface	PCIe NVMe Gen 4x4
Support	NVMe 1.4
Capacity	250GB / 500GB / 1000GB
Sequential R/W speed (up to)	250GB 3500MB/s(R) 1200MB/s(W) 500GB 3600MB/s(R) 2300MB/s(W) 1000GB 3600MB/s(R) 3000MB/s(W)
4K Random R/W speed (up to)	250GB 150K(R) 300K(W) 500GB 300K(R) 350K(W) 1000GB 400K(R) 450K(W)
Shock	1500G / 0.5ms
MTBF	2 million hours
Dimension	22 mm (W) x 80 mm (L)
Weight	8.5g
Voltage	3.3V
Operating temperature	0~70°C
Warranty	3 years

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

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