

PerformanceY GEN4 SSD



Formfactor

M.2 2280

Interface

NVMe PCIe Gen 4.0x4

Capacities

512 GB / 1 TB / 2 TB / 4 TB + Heatsink

Controller

MAP1602

NAND

3D-NAND TLC

DRAM Cache

none

Encrypted

none

Sequential read/write

512 GB: up to 5000 / 2600 MB/s

1 TB: up to 5000 / 4500 MB/s

2 TB: up to 4800 / 4000 MB/s

4 TB: up to 7100 / 6400 MB/s

Maximum 4K read/write

512 GB: up to 375K / 510K IOPS (4K-64 Thrd_AS SSD)

1 TB: up to 645K / 725K IOPS (4K-64 Thrd_AS SSD)

2 TB: up to 715K / 730K IOPS (4K-64 Thrd_AS SSD)

4 TB: up to 927K / 957K IOPS (4K-64 Thrd_AS SSD)

Dimensions

80 x 22 x 3.15 mm

Total Bytes Written (TBW)

512 GB: 730 TBW

1 TB: 1459 TBW

2 TB: 2918 TBW

4 TB: 5837 TBW

MTBF

1.000.000



Partnumbers

512 GB: 00-512114Y

1 TB: 00-1024114Y

2 TB: 00-2048114Y

4 TB: 00-4096114Y