

## Performance SSD



### Formfactor

M.2 2280

### Interface

NVMe PCIe Gen3.0x4

### Capacities

128GB/256GB/512GB/1TB

### Controller

SM2263XT

### NAND

3D TLC

### DRAM Cache

none

### Encrypted

none

### Sequential read/write

128 GB: up to 1800/600 MB/s

256 GB: up to 2034/1100 MB/s

512 GB: up to 2000/1500 MB/s

1 TB: up to 2100/1600 MB/s

### Maximum 4K read/write

128 GB: up to 100K/105K IOPS (4K-64 Thrd\_AS SSD)

256 GB: up to 100K/200K IOPS (4K-64 Thrd\_AS SSD)

512 GB: up to 150K/200K IOPS (4K-64 Thrd\_AS SSD)

1 TB: up to 210K/250K IOPS (4K-64 Thrd\_AS SSD)

### Dimensions

80 x 22 x 3.15 mm

### Total Bytes Written (TBW)

128 GB: 90 TBW

256 GB: 185 TBW

512 GB: 375 TBW

1 TB: 750 TBW

### MTBF

1.000.000



### Partnumbers

128 GB: 00-128111

256 GB: 00-256111

512 GB: 00-512111

1 TB: 00-1024111