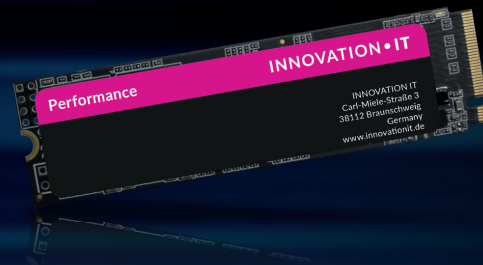


## Performance SSD



### Formfactor

M.2 2280

### Interface

NVMe PCIe Gen3.0x4

### Capacities

128GB/256GB/512GB/1TB

### Controller

**256GB:** MAXIOTEK (MAP)

128GB, 512GB, 1TB: SM2263XT

### NAND

3D TLC

### DRAM Cache

none

### Encrypted

none

### Sequential read/write

128 GB: up to 1800 / 600 MB/s

256 GB: up to 3100 / 1200 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 150k / 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

80x22x3.15mm

### 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: 00-256111M

512 GB: 00-512111

1 TB: 00-1024111