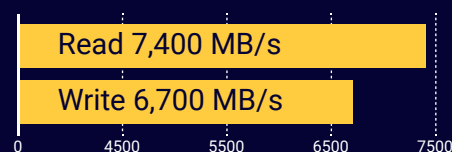# PS5027-E27T

Ride Along into the High-speed Lane

- PCIe Gen4x4
- TSMC 12nm process
- DRAM-less
- 4-channel with 16CEs
- Capacity up to 8TB
- 3D TLC / QLC supported

- Single CPU Architecture
- Phison 5th Gen LDPC + RAID ECC
- AES256 / TCG Opal / Pyrite
- Form Factor : M.2 2280

PHISON
PS5027-E27T

*Based solely on controller capability.

Sequential Performance

| Read 7,400 MB/s |
| Write 6,700 MB/s |

| 0 | 4500 | 5500 | 6500 | 7500 |

Random Performance

| Read 1,200K IOPS |
| Write 1,200K IOPS |

| 0 | 900 | 1000 | 1100 | 1200 | 1300 |