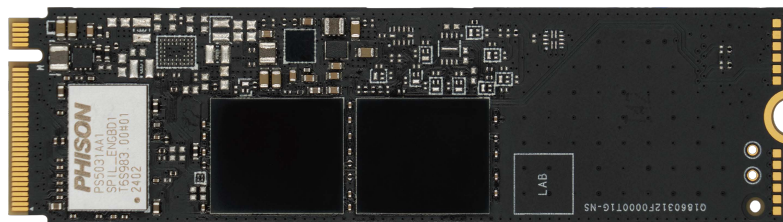


# PS5031-E31T

## World's First 10 GB/s Mainstream SSD

- PCIe Gen5x4
- TSMC 7nm Process
- DRAM-less
- 4-channel with 16CEs
- Capacity up to 8TB
- 3D TLC / QLC supported
- ARM Cortex R5 CPU
- Phison 7<sup>th</sup> Gen LDPC + RAID ECC
- AES 256 / TCG Opal / Pyrite
- Form Factor: M.2 2280 / M.2 2230



*\* Based on 3600MT/s NAND, performance may vary with different configurations and power limitation.*

### Sequential Performance\*

**Read:** >10,000 MB/s

**Write:** >10,000 MB/s

### Random Performance\*

**Read:** 1,500K IOPS

**Write:** 1,500K IOPS

**PHISON**