

■ Advantages

- Powerful Performance with Extreme Responsiveness
- High Energy Efficiency with Excellent Power Control
- Broad Compatibility with Mainstream Platforms

■ Features

- Sequential Read/Write Speeds up to 3,000/2,900 MB/s
- Ultra-Low Latency & High IOPS
- Supports Dynamic Thermal Management



■ Specification

Series	Vulcan
P/N	TME38MBXXX
Interface	M.2 M Key connector, PCIe Gen3×4, NVMe 1.4
Capacity	128GB, 256GB, 512GB, 1TB, 2TB
NAND	3D NAND
Seq. Read/Write	Up to 3,000/2,900MB/s
4K Random Read/Write	Up to 600K/550K IOPS
Dimension(LxWxH)	22×80×2.2 mm
Operating Temp.	0°C~70°C
Storage Temp.	-40°C~85°C
Durability(TBW)	128GB: 70TBW, 256GB: 140TEW, 512GB: 240TBW, 1TB: 480TBW, 2TB: 960TBW
Warranty	3 years or corresponding TBW restrictions (whichever comes first)

■ Applications



Esports Gaming
Laptops



Desktop PCs



HPC



Data Analysis