

General Features

- NAND Flash Memory: 3D TLC NAND
- Host Interface: PCIe Gen4 x 4
- Controller: IG5236 (NVMe1.4)
- Cache Memory: DDR4
- Form Factor: M.2 2280, Single-Side
- Dimension(mm): 22x80x3.0(mm)
- Capacity: 1TB
- Supports: HMB, TRIM, GC (Garbage Collection), S.M.A.R.T
End to end data protection
AES128/256, TCG Opal2.01, SHA 3-256, RSA1024/2048/3072/4096

Temperature Specification

Operating Temperature (Standard Grade): 0°C ~ 70°C
Storage Temperature (Non-Operating): -40°C~ +85°C

Endurance (TBW)

Up to 600(TB)

Performance (Speed)

Capacity (GB)	Sequential Read (MB/s)	Sequential Write (MB/s)	Random Read IOPS (4K)	Random Write IOPS (4K)
1TB	7400	6400	1000K	800K

*** Actual performance may vary depending on test system conditions and environment



COPYRIGHT © 2023 This material is copyrighted by TERACLE Co., Ltd. Any unauthorized reproductions, use or disclosure of this material, or any part thereof, is strictly prohibited and is a violation under copyright law.