



TWSG3

Solid State Drive

Part Number List

Capacity	Part Number	EAN
128GB	ZS128GTWSG3-1	4712389919212
256GB	ZS256GTWSG3-1	4712389919069
512GB	ZS512GTWSG3-1	4712389919144
1TB	ZS1TBTWSG3-1	4712389919151

Warranty: 5-year limited

Specifications

- **Form Factor:** M.2 PCIe Gen3x4 NVMe 1.3

- **Capacity**

- 128GB/256GB/512GB/1TB

- **Performance***

- **Sequential Read/Write:**

- 128GB: up to 1,900/600 MB/s

- 256GB: up to 3,200/1,400 MB/s

- 512GB: up to 3,400/2,400 MB/s

- 1TB: up to 3,500/3,000 MB/s

- **4K Random Read/Write**

- 128GB: up to 95,000/140,000 IOPS

- 256GB: up to 210,000/315,000 IOPS

- 512GB: up to 400,000/600,000 IOPS

- 1TB: Up to 670,000 / 670,000 IOPS

* The performance may vary due to host hardware, software, usage and storage capacity.

- **Endurance (in Terabytes Written: TBW)**

- 128GB: 100 TB

- 256GB: 200 TB

- 512GB: 400 TB

- 1TB: 800 TB

- **NAND Flash:** 3D NAND

- **MTBF:** 1,800,000 hours

- **Flash Management**

- Global Wear Leveling

- S.M.A.R.T

- Power Failure Management

- TRIM

- **Temperature Range**

- Standard Operating: 0°C ~ +70°C

- Storage: -40 ~ +85°C

- **Shock & Vibration**

- Shock: 1500G/0.5msec

- Vibration: 80~2000Hz/20G

- **Humidity:** 5%~95%

- **Dimensions:** (L)80 x (W)22 x (H)2.25mm

- **RoHS Comply**

