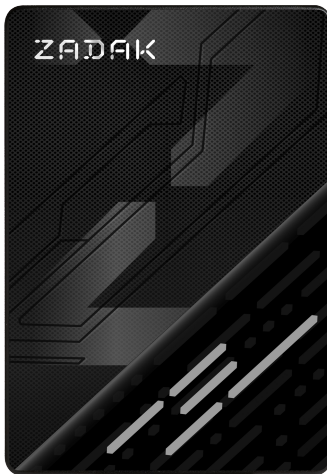




TWSS3

Solid State Drive

Part Number List

Capacity	Part Number	EAN
128GB	ZS128GTWSS3-1	4712389919052
256GB	ZS256GTWSS3-1	4712389918994
512GB	ZS512GTWSS3-1	4712389918840
1TB	ZS1TBTWSS3-1	4712389919281

Warranty: 5-year limited

Specifications

- **Compliance with SATA Revision 3.1**
 - SATA 6.0 Gbps interface
- **Form Factor: 2.5 inch**
- **Capacity**
 - 128GB/256GB/512GB/1TB
- **Performance**
 - **Sequential Read/Write;**
128GB: up to 560/540 MB/s
256GB: up to 560/540 MB/s
512GB: up to 560/540 MB/s
1TB: up to 560/540 MB/s
 - **4K Random Read/Write**
128GB: up to 38K/75K IOPS
256GB: up to 81K/74K IOPS
512GB: up to 87K/80K IOPS
1TB: up to 93K/80K IOPS
- **Endurance (in Terabytes Written: TBW)**
 - 128 GB: 75 TBW
 - 256 GB: 180 TBW
 - 512 GB: 320 TBW
 - 1TB: 600 TBW
- **NAND Flash: 3D TLC**
- **MTBF: 1,500,000 hours**
- **Flash Management**
 - Global Wear Leveling
 - S.M.A.R.T.
 - Power Failure Management
 - TRIM
- **Temperature Range**
 - Standard Operating: 0°C to 70°C
 - Storage: -40°C to 70°C
- **Shock & Vibration****
 - Shock: 1,500G
 - Vibration: 15G
- **SATA Power Management Modes**
- **RoHS Comply**



* Varies from capacities. The values for performances and power consumptions presented are typical and may vary depending on flash configurations or platform settings. **Non-operating