



## ZDKG3

Solid State Drive

### Part Number List

Capacity	Part Number	EAN
256GB	ZS256GZDKG3-1	4712389919366
512GB	ZS512GZDKG3-1	4712389919359
1TB	ZS1TBZDKG3-1	4712389919649

Warranty: 5-year limited

## Specifications

- **Form Factor:** M.2 PCIe Gen3x4 NVMe 1.3
- **Capacity**
  - 256GB/512GB/1TB
- **Performance\***
  - **Sequential Read/Write:**
    - 256GB: up to 2,100/1,300 MB/s
    - 512GB: up to 2,100/1,500 MB/s
    - 1TB: up to 3,000/2,000 MB/s
  - **4K Random Read/Write**
    - 256GB: up to 165,000/265,000 IOPS
    - 512GB: up to 300,000/420,000 IOPS
    - 1TB: Up to 530,000 / 420,000 IOPS
- \* The performance may vary due to host hardware, software, usage and storage capacity.
- **Endurance (in Terabytes Written: TBW)**
  - 256GB: 190 TB
  - 512GB: 380 TB
  - 1TB: 760 TB
- **NAND Flash:** 3D NAND
- **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 ~ +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)2.5mm
- **RoHS Comply**

