



999.00 EUR

incl. 19% VAT, plus shipping

- Tough industrial PCB design for industrial application.
- High ECC bits to correct bit errors from flash memory.
- Over 3500 power cycling test for data integrity as power loss.
- Quick and smart flash management to collect garbage data.
- SMART monitor support.

- SATA Interface

- SATA Revision 3.2
- SATA 1.5Gbps, 3Gbps and 6Gbps

- Flash Interface

- Flash type: MLC
- 1 pcs to 4pcs of TSOP/BGA flash

- Performance

- Read: 550MB/s (CrystalDiskMark)
- Write: 175MB/s (CrystalDiskMark), 540MB/s (ATTO)

- Power Consumption

- Active mode: < 2,485mW
- Idle mode: < 265mW
- DEVSLP mode: < 5mW

- TBW(Terabytes Written)

- 544 TBW for 512GB

- Minimum Average Program/Erase Cycles

- MLC: 3,000 cycles

- MTBF

- More than 2,000,000 hours

- Advanced Flash Management

- Static and Dynamic Wear Leveling
- Bad Block Management
- TRIM

- SMART
- Over-Provision
- Firmware Update
- SmartZIP
- Low Power Management
 - DEVSLP Mode (Optional)
 - DIPM/HIPM Mode
- Temperature Range
 - Operation:0°C~70°C
 - Storage:-40°C~85°C
- RoHS Compliant