



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
 - Flashtype: 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