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