



198.00 EUR
incl. 19% VAT, plus [shipping](#)

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|---|---|----------------------------|
| Based spec | Interface | SATAIII |
| | Dimension | 100*70*7.0 mm |
| | Weight | 62~72 g |
| | Capacity | 128GB |
| | SDram | 128MB |
| Read/Write Performance | Flash type | Synchronous MLC NAND Flash |
| | Sequential Read | Up to 510MB/s |
| | Sequential Write | Up to 340MB/s |
| | 4KB Sequential Read IOPS | 74212 |
| | 4KB Sequential Write IOPS | 68870 |
| | 4KB Random Read IOPS | 74764 |
| | 4KB Random Write IOPS | 1555 |
| Power Consumption | Response Time | 0.1ms |
| | Power Supply | 5V±5% |
| | Standby | 0.3W |
| Reliability | 4KB Random Write | 2W |
| | Write endurance: 8 years @ 100G write/day(32G) | |
| | Read endurance: unlimited | |
| | MTBF: >2,000,000 hours | |
| | Data retention: >20years @ 25°C | |
| | Data destroy do not support | |
| | Sudden power-off recovery support | |
| | S.M.A.R.T, NCQ, Trim and dynamic power management support | |
| | Static and dynamic wear-leveling | |
| | Bad block management algorithm | |
| ECC: Supports BCH ECC 16 / 24 / 40 bits in 1024 bytes | | |
| Environment | Storage temperature: -55~95 °C | |
| | Operation temperature: -40~85°C | |
| | Humidity: 5%~95% | |
| | Vibration: 20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis | |
| | Shock: 1500G (@0.5ms half sine wave) | |