



999.00 EUR

incl. 19% VAT, plus shipping

Based spec	Interface	SATAIII
	Dimension	100*70*7.0 mm
	Weight	62~72 g
	Capacity	256GB
	SDram	128MB
	Flash type	Synchronous MLC NAND Flash
Read/Write Performance	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

Response Time 0.1ms

Power Consumption

Power Supply 5V \pm 5%

Standby 0.3W

4KB Random Write 2W

Reliability

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)