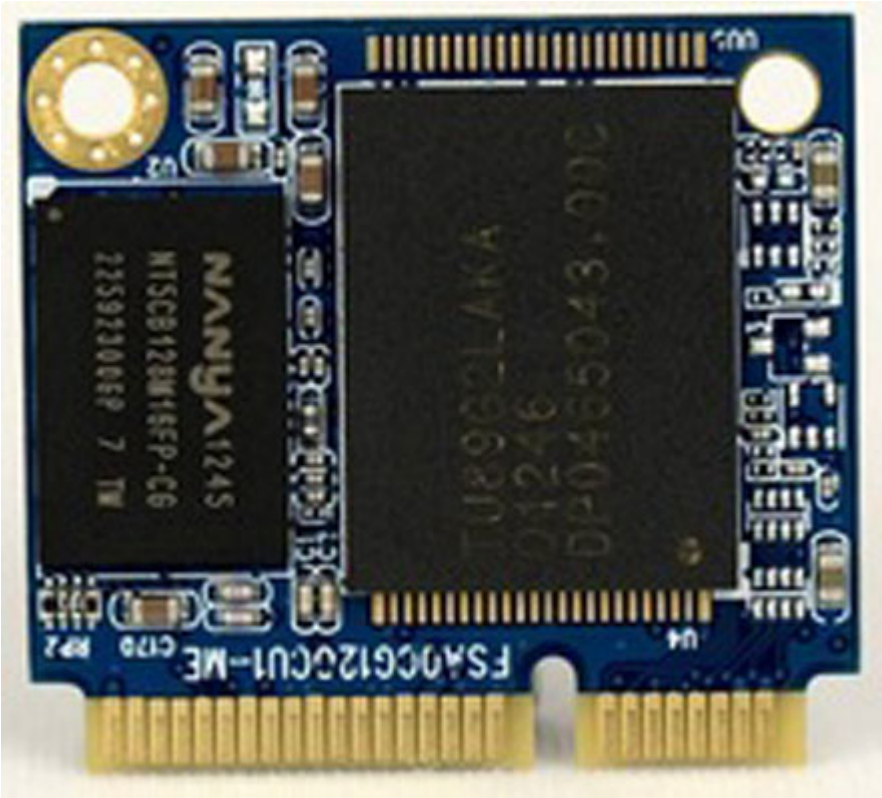

34.95 EUR
incl. 19% VAT, plus shipping

Based spec	Interface	SATAIII
	Weight	20~30g
	Size	30*23*3.5mm
	Capacity	16GB~64GB
	SDram	None
	Flash type	Synchronous MLC NAND Flash
Read/Write Performance	Sequential Read	Up to 160MB/s
	Sequential Write	Up to 80MB/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±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: 0-70°C	
	Humidity: 5%~95%	
	Vibration: 20G Peak, 10 ~ 2000Hz, (15mins/ Axis) x3 Axis	
	Shock: 1500G (@0.5ms half sine wave)	