

Delock M.2 NGFF SATA 6 Gb/s SSD 32 GB 42 mm

Description

This Delock M.2 NGFF (Next Generation Form Factor) SSD supports the new M.2 standard and allows higher data transfer rates than mSATA. Another advantage is the even lower mounting height, which makes the SSD ideally suited for installation in Ultrabooks and tablet PC. Due to its low power consumption, the SSD can also be used as a bootable drive for embedded systems. An M.2 NGFF interface, that has been designed as the successor of the mSATA interface, can already be found in a lot of laptops and tablet PC of the latest generation.



32 GB

Item no. 54617

EAN: 4043619546176

Country of origin: China

Package:

Specification

- Memory capacity: 32 GB
- Memory chip: MLC NAND, 4 channels
- Controller: JMicron JMF667
- Interface 59 Pin SATA 6 Gb/s M.2 NGFF key B+M
- Transfer mode: SATA 6 Gb/s
- Operating voltage: 3.3 V +/- 5%
- Operating temperature: 0 ~ +70 °C
- Storage temperature: -40 ~ +85 °C
- Endurance:
 - Write / Erase: 65 TB
 - Read: unlimited
- Supports Dynamic Power Management, Static and Dynamic Wear-Leveling, Bad Block Management, SMART (Self-Monitor Analysis and Reporting Technology) and TRIM
- Max. data transfer rates dependent on memory capacity and system configuration (measured in AHCI mode at 6 Gb/s):
 - Read: 385 MB/s
 - Write: 80 MB/s
- Power consumption:
 - Read: 0.88 W
 - Write: 0.99 W

Idle: 0.27 W

- MTBF: > 2.000.000 hrs.
- Vibration: 3.1 G, 2 ~ 500 Hz
- Shock: 50 G / 11 ms
- Dimension (LxWxH): ca. 42 x 22 x 3.2 mm
- Weight: ca. 5.7 g

System requirements

- One free M.2 NGFF interface, min. 42 mm

Package content

- SATA SSD M.2 NGFF

Images

