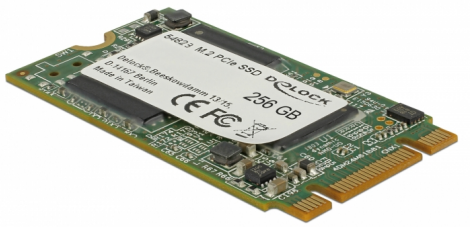
Delock M.2 PCIe SSD Toshiba MLC 256 GB (42 mm) -40 °C ~ 85 °C

Description

This flash module by Delock is a memory in M.2 format for the PCIe interface. It supports the PCIe x2 revison 3.0 and convinces with an effective boot time and lower power consumption than common hard disk drives.



Item no. 54823

EAN: 4043619548231

Country of origin: Taiwan, Republic of China

Package: Antistatic cover

Technical details

- Connector: 1 x 59 pin M.2 key B+M male
- Capacity: 256 GB
- Interface: PCIe x2 Rev. 3.0
- Form factor: M.2 2242
- Chipset: Toshiba
- Flash type: MLC
- Channels max.: 4
- Maximum read speed: 1300 MB/s
- Maximum write speed: 360 MB/s
- Maximum write cycles: 3000
- MTBF: 3.000.000 hours
- Power consumption: max. 2.9 W (3.3 V x 880 mA)
- ATA security: no
- Write protection: no
- Thermal sensor: yes
- Vibration: 20G @ 7 ~ 2000 Hz
- Shock: 1500G @ 0.5 ms
- Supports NVM Express (NVMe)

- Dimensions (LxWxH): ca. 42.0 x 22.0 x 4.5 mm
- Storage temperature: -55 °C ~ 95 °C
- Operating temperature: -40 °C ~ 85 °C - industry class

System requirements

- A free M.2 port with key B + M
- M.2 slot with PCIe / NVMe interface

Package content

- M.2 memory

Interface

connector:	1 x 59 pin M.2 key B+M male

Technical characteristics

Chipset:	Toshiba
Storage temperature:	-55 °C ~ 95 °C
Read:	1300 MB/s
Maximum power consumption:	2,9 W (3,3 V x 880 mA)
Maximum write cycles:	3000
MTBF:	3.000.000 hours
Interface:	PCIe x2 Rev. 3.0
Shock:	1500 G @ 0.5 ms
Write:	360 MB/s
Write protect:	no
Capacity:	256 GB
Thermal sensor:	yes
Vibration:	20 G @ 7 ~ 2000 Hz
Flash type:	MLC

Physical characteristics

Length:	42.0 mm
Width:	22.0 mm
Height:	4.5 mm