

M.2 PCIe SSD Toshiba MLC 32 GB (42 mm)

Description

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



Item no. 54816

EAN: 4043619548163

Country of origin: Taiwan,
Republic of China

Package: Antistatic cover

Specification

- Connector:
1 x 59 pin M.2 key B+M male
- Capacity: 32 GB
- Interface: PCIe x2 Rev. 3.0
- Form factor: M.2 2242
- Chipset: Toshiba
- Flash type: MLC
- Channels max.: 4
- Maximum read speed: 450 MB/s
- Maximum write speed: 50 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
- Dimensions (LxWxH): ca. 42.0 x 22.0 x 4.5 mm
- Storage temperature: -55 °C ~ 95 °C
- Operating temperature: 0 °C ~ 70 °C

System requirements

- A free M.2 port with key B or key M

Package content

- M.2 memory

Interface

connector:	M.2 NGFF based on PCIe
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Technical characteristics

Chipset:	Toshiba
Storage temperature:	-55°C - 95°C
Read:	450 MB/s
Maximum power consumption:	2,9 W
Maximum write cycles:	3000
MTBF:	3 million hours
Interface:	PCI Express
Shock:	1500 G @ 0.5 ms
Write:	50 MB/s
Capacity:	32 GB
Thermal sensor:	yes
Vibration:	20 G @ 7 ~ 2000 Hz
Flash type:	MLC

Physical characteristics

Length:	42 mm
Width:	22 mm
Height:	4.5 mm