

# Delock M.2 PCIe SSD Toshiba MLC 32 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 revision 3.0 and convinces with an effective boot time and lower power consumption than common hard disk drives.



**Item no. 54820**

EAN: 4043619548200

Country of origin: Taiwan,  
Republic of China

Package: Antistatic cover

## Technical details

- 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
- 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
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## System requirements

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

- M.2 memory

## Interface

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

Chipset:	Toshiba
Storage temperature:	-55 °C ~ 95 °C
Read:	450 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:	50 MB/s
Write protect:	no
Capacity:	32 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