

# Delock M.2 SSD PCIe / NVMe Key M 2280 - 512 GB

## Description

This flash module by Delock is a memory in the M.2 format for the PCIe / NVMe interface. With its 80 mm length, it has the form factor 2280. The module supports PCIe x4 and has the revision 3.0. The high read and write speed supports fast data transfer even for big amount of data, which is particularly important in the photo and video range.



**Item no. 54080**

EAN: 4043619540808

Country of origin: China

Package: Antistatic cover

## Technical details

- Connector:
  - 1 x 67 pin M.2 Key M male
- Capacity: 512 GB
- Interface: PCIe x4 Rev. 3.0
- Controller: SMI SM2263XT
- Maximum read speed: 2000 MB/s
- Maximum write speed: 1600 MB/s
- Power consumption: max. 2 W
- MTBF: 1.000.000 hours
- Flash type: TLC
- Maximum write cycles: 1000
- Storage temperature: -55 °C ~ 115 °C
- Operating temperature: 0 °C ~ 70 °C
- Shock: 1500G
- Operating vibration: 16G
- Humidity: 5 ~ 98 %
- Supports TRIM
- Supports S.M.A.R.T.
- Supports NVM Express (NVMe) 1.3
- Dimensions (LxWxH): ca. 80.0 x 22.0 x 2.1 mm

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## System requirements

- A free M.2 key M slot based on PCIe

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## Package content

- M.2 SSD

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## Images



## Interface

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## Technical characteristics

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Maximum write cycles:	1000
MTBF:	1.000.000 hours
Interface:	PCIe x4 Rev. 3.0
Shock:	1500 G
Write:	1600 MB/s
Capacity:	512 GB
Vibration:	16 G
Flash type:	TLC

## Physical characteristics

Length:	80.0 mm
Width:	22.0 mm
Height:	2.1 mm