

# Delock M.2 PCIe SSD Industrial 128 GB (S80) Micron 3D-MLC -40 °C ~ 85 °C

## Description

This flash module from Delock is a memory in the M.2 format for the PCIe interface (Gen. 3). With its 80 mm length, it has the form factor 2280. The module supports PCIe x4 and has the revision 3.1. It is vibration resistant, has an extended temperature range of -40 °C ~ 85 °C and is suitable for use in harsh environments.



**Item no. 54807**

EAN: 4043619548071

Country of origin: Taiwan,  
Republic of China

Package: Antistatic cover

## Technical details

- Capacity: 128 GB
- Interface: PCIe (Gen3 - x4 - Revision 3.1)
- Form factor: M.2 2280
- Chip: Micron
- Flash type: 3D-MLC
- Maximum speed: read 974 MB/s - write 497 MB/s
- Maximum write cycles: 3000
- Maximum power consumption: 5.28 W (3.3 V x 1600 mA )
- Dimensions (LxWxH): 80.0 x 22.0 x 3.5 mm
- Vibration: 20 G @ 7~2000 Hz
- Shock: 1500 G @ 0.5 ms
- MTBF: >3 million hours
- Storage temperature: -55 °C ~ 95 °C
- Operating temperature: -40 °C ~ 85 °C - Industrial grade

## System requirements

- A free M.2 Key M slot with at least 80 mm length

- M.2 slot with PCIe interface
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## Package content

- M.2 module

## Interface

connector:	M.2 NGFF based on PCIe
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## Technical characteristics

Chipset:	Micron
Storage temperature:	-55°C - 95°C
Read:	974 MB/s
Maximum power consumption:	5.28 W
Maximum write cycles:	3000
MTBF:	3 million hours
Interface:	PCI Express
Shock:	1500 G @ 0.5 ms
Write:	497 MB/s
Capacity:	128 GB
Vibration:	20 G @ 7 ~ 2000 Hz
Flash type:	3D-MLC

## Physical characteristics

Length:	80 mm
Width:	22 mm
Height:	3.5 mm