



Axagon ADSA-M2C11L USB-C 10Gbps M.2 NVMe SSD Docking Station



Model: ADSA-M2C11L

Manufacturer: AXAGON

EAN: 8595247909534

Product Code: 1564626

R935

USB 10Gbps docking station for NVMe SSD

The compact AXAGON ADSA-M2C11L docking station with a USB-C 10Gbps interface provides a simple way to connect one NVMe M.2 SSD to a computer in just a few seconds. The open design allows the SSD to be inserted or replaced without screws, making the docking station ideal for service work, SSD testing, data migration, or quickly expanding the storage of a computer or laptop. The integrated 33 cm long USB-C 10Gbps cable ensures a reliable connection.

Reliable data transfer

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The USB 10Gbps (USB 3.2 Gen 2) interface provides a reliable transfer speed of 10 Gb/s for copying large files, backups, or working directly from an external SSD. The achieved speed also depends on the type and generation of the NVMe M.2 SSD used. At the heart of the docking station is the proven JMicron JMS583 chipset, which helps maintain stable transfer speeds even under high load and during long-term operation. The result is smooth data transfer without significant fluctuations and efficient use of the performance of the connected SSD.

Disk in the system and quick replacement

After connecting the docking station to a computer, the inserted disk appears as a standard external drive ready for immediate use. You can store data on it, copy files, or use it for storage management. It supports NVMe M.2 SSD drives without capacity limitations and modern technologies such as UASP, TRIM (NVMe DEALLOCATE) and S.M.A.R.T. Plug and Play and power-saving mode support are also included.

Practical design for everyday use

The durable black plastic body with an open design allows quick SSD insertion and replacement without screws, saving time when testing drives, migrating data or during everyday use. Anti-slip feet keep the docking station stable on the desk and make everyday use more comfortable.

Compatibility and easy connection

The integrated 33 cm long USB-C cable is a fixed part of the docking station, so it cannot be forgotten or lost. The station can be used with devices equipped with a USB-C port. It is compatible with older USB standards as well as USB4 and Thunderbolt 3, 4 and 5 interfaces. Plug and Play operation without driver installation and support for Windows, macOS, Linux, Android, iPadOS, iOS and ChromeOS are also included.

Input:

- USB 10Gbps (USB 3.2 Gen 2), USB-C male connector.
- Compatible with USB 5Gbps, USB 20Gbps, USB 40Gbps, Thunderbolt 3 / 4 / 5.

Device support:

- 1× NVMe M.2 SSDs.

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- Designed for M key or B+M key cards.
- 1× NGFF 75-pin M key slot for M.2 drives.
- No maximum disk capacity limitation.

USB 10Gbps chipset for M.2 SSD:

- JMicron JMS583 chipset.
- Maximum docking station bandwidth up to 10 Gbit/s.

Maximum theoretical supported speeds and compatibility with USB controllers (ports):

- Laptop / PC with a USB 10Gbps (USB 3.2 Gen 2) port: max. speed 10 Gbit/s.
- Laptop / PC with a USB 5Gbps (USB 3.2 Gen 1 / USB 3.0) port: max. speed 5 Gbit/s.
- Compatibility with USB 20Gbps, USB 40Gbps, Thunderbolt 3 / 4 / 5 ports: max. speed 10 Gbit/s.
- The real throughput / transfer speed of the docking station of around 1000 MB/s (1 GB/s) is determined by the limits of the USB 3.2 Gen 2 interface.

Other features:

- Support for M.2 drives in 2230, 2242, 2260, 2280 and 22110 sizes.
- Support for single-sided and double-sided M.2 SSDs.
- Complies with PCI Express Base Specification Revision 3.1a.
- Complies with NVMe Express 1.3 specification.
- Complies with USB Mass Storage Class specification.
- BOT (Bulk-Only Transport) support.
- UASP (USB Attached SCSI) support for faster data transfer in Windows 8 and later.
- TRIM command support (via UNMAP and NVMe DEALLOCATE operations) to reduce gradual SSD performance degradation over time.
- S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) support for monitoring disk health.
- Support for booting from SSD.
- Full Plug and Play support.

Other data:

- Docking station dimensions: 59 × 59 × 18 mm (W × D × H).
- Docking station weight: 57 g (including cable, without disk).

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Power supply:

- Power supply via USB bus – USB bus power.

LED indication:

- LED indicates connection to the computer's USB port (steady light) and data transfer (flashing).

Supported operating systems:

- Windows 8.1 / 10 / 11 and later, macOS, iPadOS, iOS, Linux, ChromeOS and Android.
- Compatibility depends on an up-to-date operating system and support from the device manufacturer.

Package contains:

- USB-C 10Gbps docking station with fixed 33 cm long cable,
- multilingual manual CZ / DE / DK / ENG / ESP / EST / FIN / FR / GR / HR / HU / IT / LT / LV / NL / NOR / PL / PT / RO / SK / SLO / SRB / SWE / TR / UA / ALB / BG / BOS / CN / ARA,
- packed in a cardboard box with a hanging hole.