

Axagon EEM2-SD2 USB-C 10Gbps - M.2 NVMe & SATA SSD DISPLAY box

Model: EEM2-SD2

Manufacturer: AXAGON

EAN: 8595247908872

Product Code: 1425024

R1,419

The external AXAGON EEM2-SD2 DISPLAY box with a USB 10Gbps interface is designed for M.2 NVMe or SATA SSD drives. Reliable connection to a computer is ensured by a reversible USB-C connector on the box. The package includes not only a USB-C -> USB-C cable for connecting the box to a computer, but also a USB-C -> USB-A adapter. This way, you can connect the box to any available USB port on your notebook.

The box is equipped with an advanced LED display that provides an instant overview of your drive's status. It offers several display modes, including detection of the connected drive, the file system used, temperature, drive health, data transfer speed, and operating hours. A detailed graph allows real-time monitoring of the drive’s temperature, while the sleep mode saves power when idle. With this intelligent monitoring, you will always have your drive under control – simply, clearly, and

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efficiently.

Thanks to the USB 3.2 Gen 2 interface, the transfer speed is up to 10 Gb/s. The external M.2 box also supports other modern features such as UASP, TRIM, and allows reading of S.M.A.R.T. information monitoring the condition of the drive. A unique feature, thanks to the used chipset, is the possibility to use both M.2 NVMe and SATA drives. You don’t have to think about which type of M.2 drive to insert into the box. The box allows mounting of SSD cards in three different lengths – 42, 60 and 80 mm. M.2 cards can be single-sided or double-sided, and the box does not limit the capacity of the inserted SSD drive.

Screwless box opening makes installation and removal of the M.2 SSD drive easier. Drive replacement is quick and simple, expanding the possible uses of the box, e.g., for data migration, testing, etc. The external metal casing is finished in gray with an elegant surface that prevents unwanted fingerprints. The aluminum body of the box and the thermal pad ensure ideal cooling of the inserted M.2 SSD drive. This extends its lifespan and also prevents speed throttling, known as Thermal Throttling.

By inserting an M.2 SSD drive into this box, you can easily create a fast, compact, and universal external drive that can be used not only with computers and notebooks but also with mobile phones and tablets.

Input:
• USB 10Gbps (USB 3.2 Gen 2), USB-C female connector.
• Compatible with USB 5Gbps, USB 20Gbps, USB4, and Thunderbolt 3/4/5.

Supported Devices:
• NVMe M.2 SSDs,
• SATA M.2 SSDs,
• designed for M key and B+M key card formats,
• NGFF 75-pin M key slot for M.2 drives.

LED display shows:
• Recognizing - disk recognition (displayed when the box is connected to a device)
• Partition - displays the file system, size, and system name of the disk

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• Idle - inactivity (information about the disk - used interface and disk size, speed of the connected bus, partitioning standard of the disk)
• Disk info - displays information about the disk (manufacturer label of the disk, actual disk temperature, health, amount of written / read data, total running time of the disk, number of disk removals without using safe removal)
• Monitor – real-time disk temperature using a graph
• Rd/Wr - data transfer (during data transfer, it is possible to switch between sections)
• Sleep - disk sleep mode

Other Features:
• Supports transfer speeds of 10.000 / 5.000 / 480 Mbit/s.
• Supports M key or B+M key NVMe (PCIe-Express) and SATA (AHCI) M.2 SSDs with no capacity limit.
• Supports M.2 drives sizes – 2242, 2260, 2280 mm.
• Supports single- and double-sided M.2 SSDs.
• Complies with PCIe Base Specification Revision 3.1a specification.
• Complies with NVM Express 1.3 specification.
• Complies with Serial ATA 3.2 specification (SATA/600), bit rates of up to 6 Gb/s (600 MB/s).
• Complies with USB Mass Storage Class specification.
• The total box bandwidth / transmission rate is determined by the USB interface used (theoretically up to 10 Gbit/s).
• The real box bandwidth / transmission rate is about 1000 MB/s (1 GB/s), it is given by the limits of the USB 3.2 Gen 2 interface.
• Supports BOT (Bulk-Only Transport).
• Supports UASP (USB Attached SCSI) for faster transfers in Windows 8 and above.
• Supports TRIM functionality to limit gradual degradation of the SSD performance over time.
• Supports S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) system monitoring disk condition.
• SSD boot support in external box.
• Possibility to connect your device while running thanks to the Hot Plug support.
• Full Plug and Play support.
• Standby support.
• Power supply via USB bus up to 900 mA is sufficient in all cases.
• A decent blue LED indicating the connection to the computer's USB and data transmission (permanent light).

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• Durable aluminum body and thermal pad improve M.2 SSD cooling.
• Higher surface temperature is not a defect – thanks to the aluminum body, the heat generated by the disk operation is better drained and transferred to the environment.
• Connection via USB 3.2 Gen 2 type C female connector.
• USB type C male / USB type C male cable 25 cm long and USB type C female / USB type A male adapter are included.

Additional Data:
• External box dimensions 96 x 42 x 12 mm.
• External box weight 46 g (without cable, adapter, and M.2 SSD).

Supported Operating Systems:
• Windows 7 / 8.1 / 10 / 11 and newer, macOS, iPadOS, iOS, Linux, Chrome OS, Android.
• Compatibility depends on OS updates and device manufacturer support.
• Note: when Windows 7 used it is necessary to check OS support and driver availability with the M.2 SSD manufacturer.

Package Contents:
• USB-C 10Gbps external box for M.2 SSDs,
• USB-C - USB-C cable 25 cm long with USB-C - USB-A adapter,
• 1pc thermal conductive pad,
• 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 hanging hole.

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