

Axagon ADSA-SC USB-C 5Gbps Dual SATA 6G 2.5"/3.5" SSD/HDD Docking and Cloning Station

Model: ADSA-SC

Manufacturer: AXAGON

EAN: 8595247909411

Product Code: 1717509

R1,208

USB-C 5Gbps docking and cloning station for 2.5" and 3.5" SATA drives

The AXAGON ADSA-SC CLONE MASTER docking and cloning station with USB-C 5Gbps interface connects up to two SATA drives to a computer - 2.5" SSD/HDD or 3.5" HDD in any combination, without the need to install them inside a computer. The device is ideal for data migration from an old HDD to a new SSD, service testing, formatting multiple drives, but also for backing up a computer or

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NAS server or recovering data from a removed drive. The package includes a USB-C -> USB-A 5Gbps cable to ensure compatibility with most computers.

How to clone HDD and SSD without a computer

The station can clone data between drives even without connecting to a PC - insert the source drive into the first slot (HDD A slot), the target drive into the second slot (HDD B slot), press the button, and monitor the progress via the LED indicator. The heart of the station is the ASMedia ASM1156 chipset, which manages both SATA drives and also provides standalone cloning without a computer. The result is a precise copy of the entire source drive including data, partitions, and the operating system. It is useful for on-site servicing or when you need to prepare multiple drives simultaneously without computer delays. The target drive must have the same or larger capacity than the source drive.

SATA I/II/III support for older and newer drives

Both slots support any combination of 2.5" SATA HDD/SSD and 3.5" SATA HDD drives from desktop computers, laptops, and external storage devices. SATA 6G support (SATA III) with backward compatibility with SATA II and SATA I allows using modern SSDs as well as older hard drives - ideal for disposing of older computer fleets or rescuing data from obsolete hardware. The open design allows quick insertion and swap of drives without tools, simplifying repeated work with multiple drives.

Two drives simultaneously: software RAID and NAS backup

When connected to a computer, both drives appear as separate volumes which you can work with independently and simultaneously - for example, for software RAID in Windows or macOS (MacBook), content comparison, or regular backup. The station can also be used as external storage for backing up a compatible NAS server. The USB 5Gbps interface (USB 3.2 Gen 1) enables fast data transfer, UASP optimizes disk communication, TRIM helps maintain SSD performance over time, and S.M.A.R.T. allows monitoring the status of connected drives. Disk sleep support during inactivity limits unnecessary operation and for mechanical HDDs stops platter spinning, which also reduces noise.

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Durable aluminum body

The aluminum body with brushed finish ensures durable workmanship for daily use with drives. The rubberized bottom prevents slipping when inserting or swapping drives and helps dampen vibrations generated by mechanical HDD operation.

The package includes everything for quick setup

Docking and cloning station, USB-C -> USB-A 5Gbps cable 80 cm long, external power adapter, and multilingual manual.

Input:
• USB 5Gbps (USB 3.2 Gen 1), USB-C female connector.
• Compatible with USB 480Mbps, USB 10Gbps, USB 20Gbps, USB 40Gbps, Thunderbolt 3 / 4 / 5.

Device support:
• SATA III interface - 6 Gb/s (600 MB/s).
• Support for 2.5" HDD/SSD.
• Support for 3.5" HDD.
• Max. drive capacity - unlimited for all.
• Max. height of 2.5" drives - unlimited for all.

Disk content cloning features:
• Cloning occurs without connecting the station to a computer.
• HDD A (Source) slot - for connecting the source drive.
• HDD B (Target) slot - for connecting the target drive.
• The target drive must have the same or larger capacity than the source drive, otherwise cloning cannot start.
• Theoretical cloning speed up to 500 MB/s.
• Theoretical 1 TB data cloning time: SSD -> SSD up to 40 minutes, SSD -> HDD up to 2 hours, HDD -> HDD up to 2 hours.
• Tested with 3.5" HDD type: SATA III (SATA 6Gb/s) with max transfer speed 150 MB/s, 64 MB cache, 7200 RPM, and CMR technology.
• Tested with 2.5" SSD type: SATA III (SATA 6Gb/s), TLC NAND, max read speed 555 MB/s, max write

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speed 500 MB/s.

• Total cloning time depends on speed of used drives and source drive capacity, not on the amount of data on the drive.

USB 5Gbps chipset for SATA HDD/SSD:

• ASMedia ASM1156 chipset.

• Maximum docking station throughput up to 5 Gbit/s.

• When both drives work simultaneously, performance is divided up to 2.5 Gbit/s for each drive.

Additional features:

• Complies with Serial ATA 3.2 specification (SATA/600), transfer rates up to 6 Gb/s (600 MB/s).

• Complies with Serial ATA 2.0 specification (SATA/300), transfer rates up to 3 Gb/s (300 MB/s).

• Complies with Serial ATA 1.0 specification (SATA/150), transfer rates up to 1.5 Gb/s (150 MB/s).

• Complies with USB Mass Storage Class specification.

• Supports BOT (Bulk-Only Transport).

• Supports UASP (USB Attached SCSI) for faster data transfer in Windows 8 and newer.

• Supports TRIM command (via UNMAP and ATA TRIM operations) to limit gradual SSD performance degradation over time.

• Supports S.M.A.R.T. (Self-Monitoring, Analysis, and Reporting Technology) system monitoring drive condition.

• Supports booting from SSD/HDD.

• Full Plug and Play support.

• HDD Auto Spindown - turning off drives during inactivity.

• HDD Turn Off - turning off the drive upon device removal or PC sleep.

• Compatible with software Windows RAID (Storage Spaces) and macOS RAID (Disk Utility RAID Assistant).

Additional data:

• Docking station dimensions 142 × 102 × 80 mm (W × D × H).

• Docking station weight 336 g (without cable, without drive).

Power supply:

• Powered by included external 12V-2.5A AC/DC adapter with 150 cm cable.

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LED indication:

• 1× Power LED - steady light when docking station is on.

• 2× LED (HDD A, HDD B) for each drive indicates connection (steady light) and data transfer (blinking).

• 4× LEDs indicating cloning progress 25% - 50% - 75% - 100%. After cloning completes, LEDs blink for about 15 seconds then stay lit.

Supported operating systems:

• Windows 8.1 / 10 / 11 and newer, macOS, iPadOS, iOS, Linux, Chrome OS, and Android.

• Compatibility depends on updated operating system and device manufacturer support.

Package contents:

• USB-C 5Gbps docking station for 2× HDD/SSD,

• USB-C / USB-A cable 80 cm long,

• power adapter 100-240V / 12V-2.5A,

• 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.

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