**ComX Computers**
Product Specification Sheet

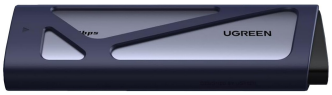
# CM777-25665

UGreen CM777 Silver (20Gbps) M.2 NVMe/SATA SSD Enclosure

## Product Overview

UGreen CM777 Silver (20Gbps) M.2 NVMe/SATA SSD Enclosure. high-speed 20Gbps USB-C external enclosure; supports M.2 NVMe & SATA up to 8TB; tool-free installation; aluminium silver chassis; fits 2230-2280 drives; universal OS support









## Specifications

### About this product

Experience lightning-fast external storage with the UGREEN CM777 M.2 NVMe/SATA SSD Enclosure, offering up to 20 Gbps transfer speed via USB-C 3.2 Gen 2x2 and supporting both NVMe and SATA M.2 drives up to 8 TB capacity in a sleek aluminium silver chassis.

### Overview Summary

**Product title:**UGREEN CM777 M.2 NVMe/SATA SSD Enclosure (20Gbps) - Silver

This stylish silver external enclosure from UGREEN allows you to repurpose an M.2 NVMe or SATA SSD and turn it into a high-speed USB-C external drive. With support for full 20 Gbps throughput on compatible USB ports, and a robust aluminium body that helps with thermal management, it meets the demands of creative professionals, gamers and power users who need ultra-fast data transfers and large-capacity storage. The broad compatibility covers M.2 formats 2230/2242/2260/2280 and supports both M-Key and B+M-Key NVMe and SATA drives, giving future-proof flexibility.

Whether you're backing up large media files, editing footage directly, or carrying a massive library of games or projects, this enclosure delivers the speed, capacity and build quality required. Tool-free installation makes it easy to install an SSD without extra tools or drivers, while the universal OS support means it works with Windows, macOS, Linux and even Android devices.

**Performance tier:**High-performance

**Uses:**high-speed external storage, portable SSD drive, backup drive, editing workstation external drive, gaming library expansion

## Description

The UGREEN CM777 enclosure is crafted from premium aluminium alloy finished in silver, ensuring both a refined aesthetic and excellent heat dissipation. Designed to accommodate M.2 SSDs in sizes 2230/2242/2260/2280, it supports both NVMe (M-Key, B+M Key) and SATA (B+M Key) protocols, allowing you to reuse or upgrade your existing drives seamlessly. With its tool-free design, installation is straightforward: insert your M.2 SSD, secure it with the included screw, and connect via the USB-C 3.2 Gen 2x2 port for up to 20 Gbps transfer speeds (when paired with a compatible port). Built-in features such as UASP and TRIM support ensure optimal drive performance and efficiency, while the auto-sleep function conserves energy during idle periods. This enclosure delivers versatile compatibility-working with Windows, macOS, Linux and even Android devices-making it an excellent choice for anyone needing fast external storage in a compact and stylish form factor.

## Features

The key advantages of the CM777 enclosure are:

- Up to 20 Gbps transfer speed via USB-C 3.2 Gen 2x2, enabling extremely fast file moves and data backups.
- Dual-protocol support for M.2 NVMe (M-Key / B+M Key) and M.2 SATA (B+M Key) SSDs, in size formats 2230/2242/2260/2280.
- Capacity support up to 8 TB, giving you ample space for large files, media libraries or game collections.
- Aluminium alloy enclosure with silicone thermal pad for efficient heat dissipation, maintaining performance under load.
- Plug-and-play tool-free installation: no drivers required, simple SSD mounting and connection.
- Wide operating system compatibility including Windows, macOS, Linux and Android, making it flexible for many setups.
- Auto sleep and power management features to extend drive life and reduce power draw during idle.

**Harness the Power of 20Gbps Data Transfer with an NVMe Enclosure**
Transfer large files in seconds with the UGreen CM777 NVMe enclosure, leveraging USB 3.2 Gen2x2 for speeds up to 20Gbps. Perfect for creative professionals, gamers, and anyone needing rapid access to their data using an SSD enclosure.

**Universal Compatibility for M.2 SSDs**
Designed to support both NVMe and SATA M.2 SSDs, this SSD enclosure offers broad compatibility for various drive types and sizes (2230/2242/2260/2280). Please note that mSATA drives are not supported.

**Maximise Storage Capacity up to 8TB**
Expand your storage capabilities with support for up to 8TB M.2 SSDs, providing ample space for large project files, extensive media libraries, and demanding applications when using this NVMe enclosure.

**Optimised Performance with Advanced Technologies**
Experience enhanced data transfer efficiency and drive health management with UASP, S.M.A.R.T, and TRIM support. These technologies ensure optimal performance and longevity for your SSD within the NVMe enclosure.

**Robust and Reliable Aluminium Design**
The UGreen CM777 features a durable aluminium enclosure that not only protects your SSD but also dissipates heat effectively, maintaining optimal operating temperatures for consistent performance of the SSD enclosure.

## What's in the Box

- UGREEN CM777 M.2 NVMe/SATA SSD Enclosure (20Gbps) - Silver
- USB-C to USB-C cable
- Silicone protective sleeve
- Thermal pad for SSD installation
- Screw and tool-free installation accessories
- User manual

## Specifications

- Interface: USB-C 3.2 Gen 2x2 (20 Gbps)
- Supported SSD types: M.2 NVMe (M-Key / B+M Key), M.2 SATA (B+M Key)
- Supported SSD sizes: 2230 / 2242 / 2260 / 2280
- Maximum capacity supported: up to 8 TB
- Data transfer rate: Up to 20 Gbps (for NVMe)
- Enclosure material: Aluminium alloy with thermal pad
- Colour: Silver
- Tool-free installation: Yes
- Supported operating systems: Windows, macOS, Linux, Android
- Dimensions (approx): 12.3 cm x 3.8 cm x 1.2 cm
- Weight (approx): 0.15 kg

## FAQ

### Can I install any M.2 SSD in this enclosure?

Yes - the UGREEN CM777 supports standard M.2 sizes 2230, 2242, 2260 and 2280 and is compatible with both NVMe (M-Key or B+M Key) and SATA (B+M Key) drives. Just ensure you use a compatible drive format rather than mSATA.

### Will I get full 20 Gbps speeds with my computer?

You can achieve up to 20 Gbps transfer speeds, but this depends on your host port supporting USB 3.2 Gen 2x2. If your system only supports USB 3.2 Gen 2 (10 Gbps) or USB-C with lower bandwidth, you will see correspondingly lower speeds.

### Does it work with Mac, Linux or Android devices?

Yes - this enclosure offers broad compatibility across Windows, macOS, Linux and Android systems, making it ideal for use with laptops, desktops and even mobile devices.

### Do I need to install a driver?

No driver is required - the tool-free design supports plug-and-play installation, so you simply insert your M.2 SSD, secure it and connect via USB-C for immediate use.

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page:**
**https://www.comx-computers.co.za/CM777-25665-UGreen-CM777-Silver-20Gbps-M-2-NVMe-SATA-SSD-Enclosure-p-331143.php**

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