



***msi***

**DATAMAG 20Gbps**

Infokit

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OF COMPUTING

The MSI logo is displayed in a bold, italicized, white sans-serif font on the left side of the slide.

# Product Overview

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# PRODUCT OVERVIEW – DATAMAG 20Gbps



**PLUG & PLAY**  
USB 3.2 2x2

**Easy to Attach**



**1TB / 2TB / 4TB**

**20 Gbps\***

Up to 1600/1500 MB/s Read/Write



**DATAMAG**

MAGNETIC PORTABLE SSD

**Pocket-sized**



**81g**



**Aluminum Alloy**



**DATAMAG**  
USB 3.2 Gen2x2

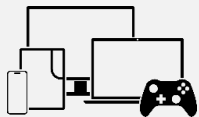
2 sec\*  
20Gbps

USB 3.0

10 sec\*  
5Gbps

Up to **5X** Faster

\*Tested by transferring a 4GB file



**Universal Compatibility**

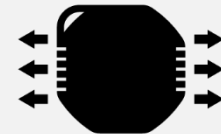
PC | Laptop | Mac | iPhone | iPad  
Android | Gaming Console

**iPhone 16/15 Pro (MAX)**

Up to 1000 MB/S Read/Write



**ProRes / RAW Ready**



**Thermal Efficiency**

\*This portable SSD uses the SuperSpeed USB 20Gbps interface (USB 3.2 Gen 2x2), which supports transfer rates of up to 20Gbps. However, the 20Gbps figure does not directly reflect the actual storage transfer speed of the device, which offers read speeds of up to 1600 MB/s and write speeds of up to 1500 MB/s.

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# KEY FEATURES

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Magnetic Portable SSD

# DATAMAG 20Gbps

*ALL IN ONE SNAP*



The DATAMAG 20Gbps, MSI's first magnetic portable SSD, offers high-speed performance and easy attachment with metal rings, supporting SuperSpeed USB 20Gbps transfer rates of up to 1600 MB/s in 1TB, 2TB, and 4TB capacities. Made from lightweight aluminum alloy for efficient heat dissipation, the DATAMAG works across a wide range of devices thanks to USB-C compatibility and supports the highest ProRes formats for video recording on iPhone 16 / 15 Pro (Max).

# Let It Dazzle!

Meet the fusion of joy and functionality with the DATAMAG magnetic portable SSD. The elegant aluminum alloy casing reflects a sophisticated look while enhancing durability and thermal efficiency, keeping your data safe and your device cool. Enjoy the thoughtfully selected materials and modern design in every detail through hours of work.



The MSI logo, consisting of three vertical bars followed by the letters 'MSI', is positioned in the top right corner of the image.

## Snap & Go!

Effortlessly snap your device onto any surface using the included metal rings for a secure fit. Need to be on the move? Keep it within arm's reach with the nifty hanging ring. Whether you're exploring new places or just navigating your daily routine, Snap & Go keeps your device at your fingertips, ready for whatever comes next!



# Non-Stop 20Gbps Productivity



Up to **5X Faster**

USB 3.2 Gen 2x2  
**20Gbps / 2 sec\***

USB 3.0  
**5Gbps / 10 sec\***

\*Tested by transferring a 4GB file

Rapidly access and manage extensive files with ease, turning high-resolution video edits and large image manipulations into a seamless experience. This blazing-fast data transmission keeps your workflow fluid and delay-free, allowing you to focus entirely on your creative tasks. Stay in the zone and maintain your momentum with unmatched efficiency and uninterrupted performance.





# A Need for Speed

Optimized for the USB 20Gbps interface, DATAMAG 20Gbps reaches read/write speeds of up to 1,600/1,500 MB/s. This allows for rapid data transfer and delivers immense performance and capabilities, smoothly managing even the most demanding workflows and providing a significant boost in productivity.





# Put Giant Storage in Your Pocket

Lightweight and pocket-sized at just 81g, this portable SSD offers immense storage on the go with unbeatable convenience. Thanks to advanced flash technology, it packs up to 4TB of capacity into a sleek, compact design, making it perfect for keeping your valuable highlights, work, and files accessible anytime, anywhere.

**4TB**  
**2TB**  
**1TB**





# iPhone Friendly

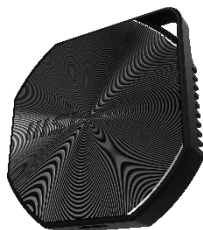
The DATAMAG supports Apple ProRes recording, enabling you to shoot directly to the drive in stunning 4K at up to 120 fps with the iPhone 16 Pro (Max). With a generous 2TB capacity, it accommodates up to 143 minutes of continuous recording, making it an ideal companion for high-resolution filming. If you value privacy and prefer to keep your data offline, transfer and store it securely within seconds using this magnetic portable drive.

## iPhone 16 / 15 Pro (Max)

Up to 1000 MB/s Read/Write



# Why Choosing DATAMAG over iCloud+?



	<b>DATAMAG 20Gbps</b>	<b>Apple iCloud+</b>
ProRes 4K Recording	<b>Yes, 4K at 60 fps/120fps</b>	No
Storage Capacity	1TB / 2TB / 4TB	50GB / 200GB / 2TB / 6TB / 12TB
Compatibility	<b>iPhone, iPad, PC, Mac, Android, Consoles</b>	iPhone, iPad, Mac
Data Transfer Speed	<b>Up to 1600 MB/s (Based on 20Gbps Interface)</b>	Speeds may vary (Internet-dependent)
Transfer Reliability	<b>Stable Performance (Wired Connection)</b>	Stability may vary (Internet-dependent)
Offline Access	<b>Full Access w/o Internet Connection</b>	Limited Access w/o Internet Connection
Privacy & Security	<b>Local (No 3<sup>rd</sup> Party server)</b>	Cloud (on iCloud Servers)
Portability	<b>Compact / Pocket-sized / Magnetic Attachment</b>	Cloud Based; no physical portability



**Recommended**

# Plug & Play Across The Board

Sync your gear seamlessly with DATAMAG. It's compatible with a wide range of devices, including Windows and macOS computers, iPhones, Android™ phones and tablets, cameras, gaming consoles, and more. With the included long and short USB-C cables and a USB-C to A adapter, you'll enjoy smooth connectivity and a quick, hassle-free setup for immediate functionality.





Capture Every Detail Like A

# PRO

Unlock the full potential of your visuals with DATAMAG. Capture the highest ProRes formats directly with the iPhone 16 / 15 Pro (Max) or RAW files from any camera or device, preserving every detail for top-notch editing. Whether you're shooting stunning footages or high-resolution images, ensure every shot is as vivid and detailed as your creative vision demands.

# Stay Cool & Secure

The DATAMAG, encased in sturdy aluminum alloy, is designed to withstand heat, keeping your personal and private data safe during intensive processing. Its rugged construction ensures reliable performance, and it's all confidently backed by a 5-year limited warranty.



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# Specifications & Details

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# Product Overview



Concentrically Circled  
Top Cover



Hanging Ring

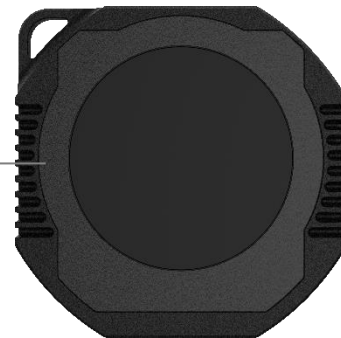
Aluminum Enclosure



Indicator LED

USB-C Port

Magnetic Ring



USB-C to A  
Adapter



Long & Short USB-C Cable



Black & White  
Metal Rings



# Product Specifications



Marketing Name	DATAMAG 20Gbps		
Capacity	1TB	2TB	4TB
Controller	PS2251-U18		
Flash Memory	3D NAND		
Interface	USB 3.2 Gen 2x2		
Sequential Read up to (MB/s)	1,600	1,600	1,600
Sequential Write up to (MB/s)	1,500	1,500	1,500
Operating Temperatures	0°C – 70°C		
Storage Temperatures	-40°C – 85°C		
Terabytes Written (TBW)	240	480	960
Limited Warranty	5 Years, or the coverage for the maximum TBW as stated, whichever comes first.		
Compatibility	PC / Laptop / Mac / iPhone / iPad / Android / Gaming Console		
Dimensions	66mm (L) x 66mm (W) x 13mm (H)		
Weight	81g		
Accessories	Long & Short USB-C Cables USB-C to A Adapter Metal Ring x 2: Black / White		

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MOTORSPORT

