

Portable SSDs

ESD420 Portable SSD

Transcend's ESD420 portable SSD features a magnetic design compatible with iPhone models that support MagSafe. With ultra-fast transfer speeds of up to 20Gbps, capturing 4K ProRes video on your iPhone is smooth and worry-free. Offering up to 4TB of storage, it provides ample space for 4K/8K videos, high-resolution photos, documents, and more—perfect for outdoor photographers, travelers, and content creators on the go.



Magnetic Design

Transcend's ESD420 portable SSD features a magnetic design that is compatible with iPhone models that support MagSafe, or devices equipped with magnetic-compatible cases or metal surfaces. With its firm hold and compact size, data backup and transfer are always within reach. Whether you're shooting outdoors, traveling, or heading to a meeting, it instantly expands your mobile storage—keeping your important files safe and accessible anytime, anywhere.

*If your device does not have built-in magnetic support, a magnetic-compatible case is required for proper attachment.

**MagSafe and iPhone are registered trademarks of Apple Inc.



Amazing Transfer Speeds: 20Gbps

Transcend's ESD420 portable SSD offers incredible speeds over a USB 20Gbps interface. An integrated SLC Cache provides enhanced read/write speeds of up to 2,000 MB/s. Whether it's media or gaming files, everything can be transferred in no time at all. ESD420 supports high sustained write speeds, enabling 4K ProRes recording directly from supported devices such as iPhone.

*ProRes is a trademark of Apple Inc.

**Speed may vary due to host hardware, software, usage, and storage capacity.



Tough Build. Trusted Performance.

Engineered to MIL-STD-810G standards, Transcend's ESD420 portable SSD keeps your data safe—even on the roughest journeys.

*Drop test is performed in non-operating state. This does not guarantee the invulnerability of this product under any circumstances. Please do not drop or strike the product arbitrarily.



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Features

- Suitable for desktop, laptop computers, OTG mobile devices and gaming consoles
- Hardware-based 256-bit AES encryption secures your data
- Up to 4TB storage capacity

Transcend Elite App

Transcend Elite App is designed to work with Transcend's JetFlash USB OTG flash drives, OTG card readers, and portable SSDs.

Transcend Elite

Transcend Elite is a data management software for external hard drives, USB flash drives and portable SSD products.

Specifications

Appearance

Dimensions	69.5 mm x 63 mm x 10 mm (2.74" x 2.48" x 0.39")
Weight	48 g (1.7 oz)
Color	Iron gray / Champagne Gold

Interface

USB Type	USB Type-C
Connection Interface	USB 20Gbps

Storage

Flash Type	3D NAND flash
Capacity	1 TB / 2 TB / 4 TB

Operating Environment

Operating Temperature	0°C (32°F) ~ 45°C (113°F)
Operating Voltage	5V

Performance

Read Speed (Max.)	Up to 2,000 MB/s
Write Speed (Max.)	Up to 2,000 MB/s

Warranty

Certificate	CE / UKCA / FCC / BSMI / KC / EAC / RCM
Warranty	Five-year Limited Warranty

Ordering Information

1TB	TS1TESD420C TS1TESD420G
2TB	TS2TESD420C TS2TESD420G
4TB	TS4TESD420C TS4TESD420G

Product specifications are subject to change without notice. Pictures shown may differ from actual products. Total accessible capacity varies depending on operating environment.