

## SanDisk® microSD™ Express microSD™ card

Next-level speed for next-level experiences.



Unleash your creative potential and dive into new experiences with SanDisk® microSD™ Express, the next-gen microSD™ card for those who refuse to settle. Offload your camera roll in record time and transfer a 2-hour HD movie download in less than 3.5 seconds while using SanDisk® PRO-READER SD Express Dual Card<sup>1</sup> (sold separately)—up to 4.4 times faster than our fastest microSD™ UHS-I cards.<sup>9</sup>

Start gaming faster and explore virtual worlds that appear more realistic than ever. On top of saving time, create next-level immersive content with a card that supports faster burst and sustained recording speeds than an SD UHS-II card.<sup>2</sup> With the addition of a PCIe® Gen 3 NVMe™ interface, the microSD™ Express card represents a massive step forward in the evolution of the microSD™ format with performance comparable to a basic portable SSD.<sup>3</sup> SanDisk® microSD™ Express cards work with current microSD™ UHS-I and UHS-II devices, supporting up to 5.3K video<sup>4</sup> and 10MP RAW image capture. SanDisk® microSD™ Express technology readies you—the next generation of creators and explorers—for the future of superspeed devices.

### HIGHLIGHTS

#### ■ Ready For Tomorrow

Ready for future superspeed products with a PCIe®-NVMe™ interface, and performs at UHS-I speeds with microSD™ UHS-I and UHS-II devices.

#### ■ Exponentially Faster Performance

Up to 4.4 times faster read speeds than our fastest microSD™ UHS-I cards<sup>10</sup> with up to 880MB/s<sup>1</sup> transfer speeds.

#### ■ Massive Time Saver

Transfer 2-hour HD movie in less than 3.5 seconds<sup>1</sup> and save up to 2.8 minutes transferring 60 minutes of 4K UHD video<sup>4</sup> shot at 30 fps when paired with the SanDisk® PRO-READER SD Express Dual Card (sold separately).<sup>9</sup>

#### ■ Durability You Can Count On

Cards are waterproof, temperature-proof, humidity-proof, drop-proof, shock-proof, magnetic-proof, x-ray proof, and wear-out proof.<sup>5</sup>

#### ■ Trust Us With Your Content

Experience reliable performance and peace of mind with a lifetime limited warranty.<sup>7</sup>

#### ■ Reliable File Recovery

Relax knowing that accidentally deleted files can be recovered by activating the two-year RescuePRO® Deluxe file recovery service.<sup>6</sup>

#### ■ Exceptional Capture

A video-ready card that captures brilliant 5.3K and 4K video, plus slow-motion Full HD footage.<sup>4</sup>

#### ■ SanDisk® ThermAdapt™

SanDisk® ThermAdapt™ helps keep devices from overheating with a specially designed enclosure and controller that uses dynamic adaptive thermal management.



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## SPECIFICATIONS

Available capacities*	256GB, 128GB
Speed performance <sup>1</sup>	256GB: Up to 880MB/s read speed; up to 650MB/s write speed; 210MB/s sustained write speed. 128GB: Up to 880MB/s read speed; up to 480MB/s write speed; 100MB/s sustained write speed.
Interface	PCIe® NVME™
Dimensions	microSD™: 0.59in x 0.43in x 0.03in (14.99mm x 10.92mm x 1.02mm) SD adapter: 1.26in x 0.94in x 0.08in (24mm x 32mm x 2.1mm)
Operating temperature	-13°F to 185°F (-25°C to 85°C)
Storage temperature	-40°F to 185°F (-40°C to 85°C)
Compatibility	Compatible with devices that include a microSDXC™ slot, including Android™ smartphones and tablets, action cams, drones, handheld gaming devices, and laptops.
Warranty	Lifetime limited <sup>8</sup>



At SanDisk®, we're expanding the possibilities of data storage. For more than 25 years, SanDisk's ideas have helped transform the industry, delivering next generation storage solutions for consumers and businesses around the globe.

SanDisk, Inc. is the seller of record and licensee in the Americas of SanDisk® products.

\* 1GB=1,000,000,000 bytes. Actual user storage less.

<sup>1</sup> [256GB] Up to 880MB/s read speeds, engineered with proprietary technology to reach speeds beyond UHS-I 104MB/s, require compatible devices capable of reaching such speeds. Up to 650MB/s write speeds. 210MB/s minimum sustained write speed. Based on internal testing; performance may be lower depending upon host device, interface, usage conditions and other factors. 1MB=1,000,000 bytes.

<sup>1</sup> [128GB] Up to 880MB/s read speeds, engineered with proprietary technology to reach speeds beyond UHS-I 104MB/s, require compatible devices capable of reaching such speeds. Up to 480MB/s write speeds. 100MB/s minimum sustained write speed. Based on internal testing; performance may be lower depending upon host device, interface, usage conditions and other factors. 1MB=1,000,000 bytes.

<sup>2</sup> Based on internal testing with the SanDisk PRO-READER SD Express Dual Card against the 64GB-128GB SanDisk Extreme PRO UHS-II SD card with SanDisk Extreme PRO SD UHS-II Card USB-C Reader/Writer.

<sup>3</sup> Based on internal testing with the SanDisk PRO-READER SD Express Dual Card against the 1TB-2TB SanDisk Portable SSD.

<sup>4</sup> Compatible device required. Full HD (1920 x 1080), 4K (4096x2160), 4K UHD (3840x2160), and 5.3K (5312x2988) video support may vary based upon host device, file attributes and other factors. See [www.sandisk.com/HD](http://www.sandisk.com/HD).

<sup>6</sup> Card only. See product packaging or [www.sandisk.com/proof](http://www.sandisk.com/proof) for additional information and limitations.

<sup>7</sup> Registration required. Terms and conditions apply.

<sup>8</sup> 30-year warranty in Germany, Canada and regions not recognizing lifetime warranty. See [www.sandisk.com/wug](http://www.sandisk.com/wug)

<sup>9</sup> Based on internal testing with the SanDisk PRO-READER SD Express Dual Card against the 256GB SanDisk Ultra Lite UHS-I microSDXC card. Performance may be lower depending upon host device, interface, usage conditions and other factors.

<sup>10</sup> Based on internal testing with the SanDisk PRO-READER SD Express Dual Card against the SanDisk Extreme PRO UHS-I microSDXC card with SanDisk Professional PRO-READER SD & microSD. Performance may be lower depending upon host device, interface, usage conditions and other factors.

<sup>11</sup> See Western Digital White Paper- Flash I/O and Flash Management. A detailed overview of flash and flash management (August 2018): [https://documents.westerndigital.com/content/dam/doc-library/en\\_us/assets/public/western-digital/collateral/white-paper/white-paper-sandisk-flash101-management.pdf](https://documents.westerndigital.com/content/dam/doc-library/en_us/assets/public/western-digital/collateral/white-paper/white-paper-sandisk-flash101-management.pdf)

<sup>12</sup> See Flash Memory Summit, 2023 Flash Memory Timeline: <https://www.flashmemorysummit.com/English/PDFs/FMS2023-Timeline.pdf>

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