

Product specification sheet

Product	SanDisk GamePlay microSD Express Card - 512GB
SKU	gs-47950117863646
Brand	SanDisk
Category	Video Games
Minimum order quantity	1
Unit	—
Unit price	\$115.00
Available quantity	100

Description

The SanDisk GamePlay microSD™ Express Card 512GB has been engineered to support next-generation handheld gaming with ultra-fast performance and reliable storage. Designed specifically for portable consoles, SD Express technology has been integrated to deliver exceptional responsiveness, reduced load times, and smoother gameplay. With advanced performance capabilities, immersive gaming experiences are supported without interruption, even during demanding titles and extended play sessions. Future-ready compatibility has been ensured through support for microSD™ Express-equipped devices while maintaining backward compatibility with microSD™ UHS-I systems. Up to 512GB of storage has been provided to keep an extensive game library accessible at all times, allowing games, updates, and downloadable content to be stored without constant file management. The SanDisk GamePlay microSD™ Express Card has been built to match the evolving performance demands of modern handheld gaming. Key Features Incredible Speed for High-Performance GamingBlazing-fast read speeds of up to 880MB/s and write speeds of up to 650MB/s have been enabled to ensure faster downloads, quicker loading screens, and smoother in-game transitions. A sustained speed of 210MB/s has been maintained for uninterrupted gameplay during long sessions. Broad Compatibility with Handheld ConsolesSD Express performance has been combined with backward compatibility for microSD™ UHS-I devices. This allows the card to be used across compatible gaming systems, including current and next-generation handheld consoles, using a single storage solution. Large Storage Capacity for Growing Game LibrariesWith up to 512GB of available space, a large number of games can be stored without the need to remove existing titles. Expanding game sizes have been accommodated to support both new releases and favorite classics. Advanced Thermal ManagementSanDisk ThermAdapt™ technology has been implemented to help manage heat during extended gaming sessions. A specially designed enclosure and controller dynamically adapt to thermal conditions, reducing the risk of overheating. Extreme Durability and Long-Term ReliabilityProtection against drops, bumps, and daily wear has been engineered into the design. A lifetime limited warranty has been included to ensure long-term confidence and reliable performance. SSD-Class Performance in a microSD™ Form FactorA PCIe® Gen 3-NVMe™ interface has been utilized to deliver performance comparable to entry-level portable SSDs, meeting the speed requirements of modern handheld gaming devices. Specifications Capacity: 512GB Sequential Read Performance: Up to 880MB/s Sequential Write Performance: Up to 650MB/s Interface: PCIe Gen 3 Dimensions (L x W x H): 14.99mm x 10.92mm x 1.02mm Weight: 0.26gms Warranty: Lifetime Limited Warranty Model Number: SDSQXFN-512G-GN6GN Product Features Read speeds up to 880MB/s for faster game loading Up to 512GB of storage for saving more games Compatibility with Nintendo Switch™ and Nintendo Switch™ 2 In the Box SanDisk GamePlay microSD™ Express Card 512GB Compatibility Nintendo Switch Nintendo Switch 2 ROG Ally