Product specification sheet

Product	Samsung microSD Express for Nintendo Switch™ 2 (256GB)
SKU	gs-47898249396446
Brand	Samsung
Category	Video Games
Minimum order quantity	1
Unit	—
Unit price	$55.00
Available quantity	100

Description

High-performance storage is delivered with the Samsung microSD Express Card 256GB, designed specifically for Nintendo Switch™ 2 compatibility. Advanced PCIe Gen 3.0 x1 and NVMe 1.3 technology is utilized to provide significantly faster data transfer compared to traditional microSD cards, allowing game data, updates, and downloadable content to be accessed with reduced loading times and improved responsiveness. A compact microSDXC™ form factor is used while maintaining professional-grade durability and stability. Consistent performance is ensured under a wide range of operating conditions, making the card suitable for extended gaming sessions and frequent on-the-go use. Reliable speed classes and video ratings are supported, ensuring smooth gameplay, fast installs, and dependable data handling for modern console requirements. Key Features and Benefits: PCIe NVMe Interface SupportA PCIe Gen 3.0 x1 interface with NVMe 1.3 is implemented to deliver next-generation microSD Express performance, enabling faster game loading and data access. Optimized for Nintendo Switch™ 2Compatibility is ensured for Nintendo Switch™ 2 systems, allowing expanded storage without compromising speed or stability. High Sequential Read SpeedsSequential read speeds of up to 800 MB/s (SD Express) are supported, allowing large game files to be accessed more efficiently. Compact and Lightweight DesignA microSDXC™ form factor with minimal weight is used, making it ideal for portable gaming devices. Enhanced Durability and ProtectionResistance to water, shock, vibration, magnetic fields, X-ray exposure, and temperature extremes is provided for long-term reliability. Technical Specifications: Samsung microSD Express Card for Nintendo Switch™ 2 InterfacePCIe Gen 3.0 x1, NVMe 1.3, SD 7.1 SDR 1041) Hardware InformationForm Factor: microSDXCTMUser Capacity: 256GB256,288,751,616 Bytes2) Dimensions15 x 11 x 1 (mm) (L x W x T) WeightApprox. 0.25g (Card only) PerformanceSpeed Class: Class 10, V303)Speed Grade: Grade 3 (U3)Sequential Read Speed4):(SD Express) 800 MB/s(UHS-I) 90 MB/s Reliability Temperature5)Operating: 0°C to 45°CNon-Operating: -40°C to 85°C EMC CertificationsFCC (IC), CE (UKCA), VCCI, RCM Product Lineup: Form Factor: microSD SD ExpressCapacity: 256GBModel Name: MB-MZ256S Environmental Specifications: Humidity2):Non-operating 40℃/93%, 85℃/85% Shock3):Non-operating 1,500 G Vibration:Non-operating 15 G, 10~2,000 Hz, 36 Cycles, Rising/Falling 10 mins Water4):Non-operating 1 M depth, 3% NaCl, 25℃ Magnetic:Non-operating 15,000 Gauss, 30 secs X-Ray:Non-operating 100 mGy Drop:Non-operating 1 m, 10 times Durability:Non-operating 10K cycles Nintendo Switch 2 uses a new standard of expandable memory card called microSD Express (sold separately). This kind of memory card is needed for faster access speeds and to ensure games will run smoothly. Please note: Nintendo Switch 2 is only compatible with microSD Express cards. If the microSD cards you have used for Nintendo Switch do not support microSD Express standards, you cannot use them with Nintendo Switch 2.