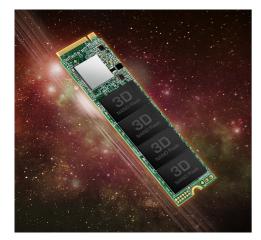


PCIe M.2 SSDs PCIe SSD 110Q

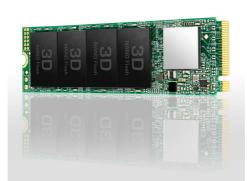
Transcend's PCIe® SSD 110Q utilizes top-notch technology QLC 3D NAND to enhance storage density that supports read/write intensive workload. Implemented with PCI Express® Gen3 x4 high-speed interface, the read speed is up to 2,000 MB/s while write speed is up to 1,500 MB/s. To upgrade your computing devices, SSD 110Q is the most economical solution for all!



Best performance in the extreme

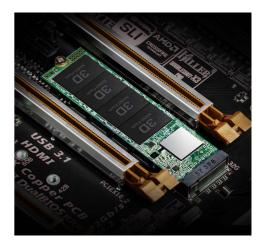
Transcend's PCIe SSD 110Q follows NVMe 1.3 and utilizes the PCIe Gen3 x4 interface, meaning four lanes are used for transmitting and receiving data simultaneously, resulting in compelling performance of up to 2,000MB/s read and 1,500MB/s write.

Note: Performance is based on CrystalDiskMark v5.0.2.



Less is more

Leveraging QLC 3D NAND technology, PCIe SSD 110Q stacks 4-bit-per-cell vertically to enhance the storage density. QLC NAND supports read/write intensive applications, and leads SSD 110Q to become one of the flash memories with the highest density in the market. More than that, 500GB and 1 TB storage options are available. Users can store as much data as they want!



Understanding the NVMe PCIe interface

NVMe® (or NVM Express®) is a host controller interface standard designed to address the needs of enterprise and client applications that utilize PCIe®(PCI Express®) solid-state storage. NVMe calls for better performance vectors than AHCI (Advanced Host Controller Interface), including scalable bandwidth, increased IOPS, and low latency.

Transcend®



PCIe M.2 SSDs PCIe SSD 110Q

Features

- QLC NAND flash
- PCIe Gen3 x4 interface and meets NVMe 1.3 standard
- Space-saving M.2 Type 2280 form factorEngineered with LDPC (Low-Density Parity
- Check) coding to ensure data integrity



SSD Scope features useful functions to maintain your SSD in a healthy status and also copy data from your original HDD to Transcend's new SSD.

Specifications

Dimensions Double-sided: 80 mm x 22 mm x 3.58 mm (3.15" x 0.87" x 0.14") Weight 8 g (0.28 oz) Type M.2 2280 Interface NVMe PCle Gen3 x4 Storage Elash Type Flash Type QLC NAND flash Capacity 500 GB / 1 TB Operating Temperature 0°C (32°F) ~ 70°C (158°F) Operating Temperature 0°C (32°F) ~ 70°C (158°F) Operating Voltage 3.3V±5% Performance Sequential Read/Write (CrystalDiskMark) KR Random Read/Write (IOmeter) Read: up to 2,000 MB/s Write: up to 1,500 MB/s MRTF 2,000,000 hour(s) MTHE Between Failures (MTBF) 2,000,000 hour(s) Note Speed may vary due to host hardware, software, usage, and storage capacity. Some motherboards only provide PCIe x2 connections for the M.2 slot, creating a bottleneck on event he fastest drives. Warranty CE / FCC / BSMI / KC / RCM / UKCA	Appearance	
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Warranty Three-year Limited Warranty	Certificate	CE / FCC / BSMI / KC / RCM / UKCA
	Warranty	Three-year Limited Warranty

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