



**SSD TRANSCEND
2TB PCIe Gen3
NVMe NAND
flash technology
3D NAND Write
speed 2900
MBytes/sec
Read speed
3500 MBytes/sec
Form Factor M.2
TBW 4400 TB
MTBF 200000
hours
TS2TMTE220S**

Model: TS2TMTE220S

Manufacturer: TRANSCEND

EAN: 760557847731

Product Code: 333546

R26,828

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

Transcend's PCIe SSD 220S aims at high-end applications, such as digital audio/video production, gaming, and enterprise use, which require constant processing heavy workloads with no system lags or slowdowns of any kind. Utilizing the PCI Express® Gen3 x4 interface supported by the latest NVMe™ standard, 3D NAND flash memory, an 8-channel controller, and a DRAM cache, the PCIe SSD 220S offers supreme transfer speeds that override others.

Supreme transfer speeds

Transcend's PCIe SSD 220S follows NVMe 1.3 and utilizes the PCIe™ Gen3 x4 interface, meaning four lanes are used for transmitting and receiving data simultaneously. Its 8-channel controller supports ultra high data throughput, resulting in compelling performance of up to 3,500MB/s read and 2,700MB/s write.

Note: Performance is based on CrystalDiskMark v5.0.2.

Understanding the PCIe interface

PCIe (or PCI Express®) is a much faster interface than SATA (or Serial ATA) for connecting a host computer to solid-state storage devices over one or more lanes consisting of one transmit and one receive serial interface in each lane, meaning it can better fulfill new performance requirements.

Understanding the NVMe standard

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

3D expansion to break through limits

Unlike planar NAND memory, 3D NAND flash features memory cells stacked vertically in multiple layers. 3D NAND overcomes density limitations of 2D planar NAND, and delivers a higher level of performance and endurance.

Better endurance, higher reliability

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

Transcend's PCIe SSD 220S is engineered with LDPC (Low-Density Parity Check) coding, a powerful ECC algorithm, to keep data secure. Manufactured with high-quality 3D NAND flash chips, and engineered dynamic thermal throttling mechanism, the PCIe SSD 220S guarantees superior endurance and stability for high-end applications.

SSD Scope software

Transcend SSD Scope is advanced, user-friendly software that makes it easy to ensure your Transcend SSD remains healthy, and continues to run fast and error-free by determining the condition and optimizing the performance of your drive.

Guaranteed quality

To ensure the utmost level of quality, Transcend SSDs undergo rigorous testing at all stages of production, including tests for vibration, temperature and humidity, speed, and functionality.

- Adopts PCIe Gen3 x4 interface and NVMe 1.3 standard
- Up to 3,500 MB/s read; 2700 MB/s write
- 3D NAND flash memory and DDR3 DRAM cache
- Engineered with LDPC (Low-Density Parity Check) coding to ensure data integrity; built-in SLC caching technology for exceptional transfer speeds; an 8-channel controller for ultra high data throughout
- Engineered dynamic thermal throttling mechanism

Summary: Transcend PCIe SSD 220S 2TB. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 2700 MB/s, Component for: PC | Vendor Homepage: <https://www.transcend-info.com/Products/No-991> | SSD disk talpa: 2000 | SSD formos koeficientas: M.2 | Sąsaja: PCI Express 3.0 | NVMe: Taip | „NVMe“ versija: 1.3 | Atminties tipas: 3D NAND | Taikoma: PC | Techninės įrangos šifravimas: Ne | Rašymo laikas: 2700 | Skaitymo laikas: 3500 | Atsitiktinis skaitymas (4 KB): 340000 | Atsitiktinis rašymas (4 KB): 310000 | Nuoseklaus skaitymo greitis (CDM): 3500 | PCI „Express“ sąsajos duomenų keliai: x4 | S.M.A.R.T. palaikymas: Taip | Vidutinis laikas tarp trikčių (MTBF): 2000000 | Palaikomos „Windows“ operacinės sistemos: Windows 10/Windows 7/Windows 8 | Palaikomos MAC operacinės sistemos: Ne | Palaikoma operacinė sistema „Linux“: Kernel 2.6.31/Kernel 3.3 | TBW kategorija: 4400 | Sertifikavimas: CE/FCC/BSMI/KC/RCM | Darbinė įtampa: 3.3 | Plotis: 80 | Ilgis: 3.58 | Aukštis: 22 | Svoris: 8 | Darbo temperatūros diapazonas (TT): 0 - 70 | Darniosios sistemos (DS) kodas: 84717070 | Bruto svoris: 0.02 | Neto svoris: 0.01 | Vienetų skaičius

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

vienoje siuntimo dėžėje: 1 | Vieneto plotis: 10 | Shipping Box Height: 1 | Vieneto gylis: 13 | Vieneto aukštis: 1 | Name: SSD PCIE G3 M.2 NVME 2TB/TS2TMTE220S TRANSCEND | Model: PCIe SSD 220S

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950