

3D
NAND Flash



3D era for superb performance

SATA III 6Gb/s 2.5" SSD SSD230



Transcend's SSD230 SATA III 6Gb/s SSD adopts the latest 3D NAND technology to achieve high storage capacities and performance. By using only high-quality flash chips and enhanced firmware algorithms, the SSD230 is guaranteed to deliver greater performance and reliability.

High performance controller with 3D TLC NAND Flash

- Up to 560MB/s read and 520MB/s write performance
- Engineered with a RAID engine and LDPC coding
- Built-in SLC caching technology
- Supports DevSleep mode
- Supports S.M.A.R.T., TRIM, and NCQ commands
- Three-year Limited Warranty

Dimensions	100mm x 69.85mm x 6.8mm
Weight (max.)	63g
Flash Type	3D TLC NAND Flash
Connection Type	SATA (22-pin)
Form Factor	2.5"
Maximum Performance*	Seq. read: 560MB/s Seq. write: 520MB/s 4K random read: 85,000 IOPS 4K random write: 85,000 IOPS
Operating Voltage	5V±5%
Operating Temperature	0°C (32°F) ~ 70°C (158°F)

Ordering Information

TS128GSSD230S	128GB
TS256GSSD230S	256GB
TS512GSSD230S	512GB

*Performance varies by capacity, user hardware, and system configuration.