

Transcend MTS830S - SSD - 256 GB - SATA 6Gb/s



13-05-2024

SKU	TS256GMTS830S
Product Description:	Transcend MTS830S - SSD - 256 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	256 GB
NAND Flash Memory Type:	Single-level cell (SLC)
Form Factor:	M.2 2280
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps



General

Device Type: Solid state drive - internal

Capacity: 256 GB

NAND Flash Memory Type: Single-level cell (SLC)

Form Factor: M.2 2280

Interface: SATA 6Gb/s

Features: Native Command Queuing (NCQ), TRIM support, DDR3 DRAM Cache, DevSleep mode, 3D NAND Technology, Low-Density Parity Check, S.M.A.R.T.

Width: 22 mm

Depth: 80 mm

Height: 3.58 mm

Weight: 8 g

Environmental Parameters

Min Operating Temperature: 0 °C

Max Operating Temperature: 70 °C

Manufacturer Warranty

Service & Support: Limited warranty - 5 years

Miscellaneous

Compliant Standards: BSMI, FCC, RoHS

Software & System Requirements

OS Required: Linux Kernel 2.6.31 or later, Microsoft Windows 7 / 8 / 10

Expansion & Connectivity

Interfaces: 1 x SATA 6 Gb/s - M.2 Card

Compatible Bay: M.2 2280

Performance

SSD Endurance: 320 TB

Drive Transfer Rate: 600 MBps (external)

Internal Data Rate: 560 MBps (read) / 510 MBps (write)

4KB Random Read: 85000 IOPS

4KB Random Write: 85000 IOPS

