

Transcend MTS600S - SSD - 64 GB - SATA 6Gb/s



06-10-2024

SKU	TS64GMTS600S
Product Description:	Transcend MTS600S - SSD - 64 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	64 GB
NAND Flash Memory Type:	Multi-level cell (MLC)
Form Factor:	M.2 2260
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps



General

Device Type: Solid state drive - internal

Capacity: 64 GB

NAND Flash Memory Type: Multi-level cell (MLC)

Form Factor: M.2 2260

Interface: SATA 6Gb/s

Features: Native Command Queuing (NCQ), TRIM support, Wear Leveling Support, Advanced Garbage Collection, Error Correction Code (ECC), DDR3 DRAM Cache, DevSleep mode, S.M.A.R.T.

Width: 22 mm

Depth: 60 mm

Height: 3.58 mm

Weight: 7 g

Environmental Parameters

Min Operating Temperature: 0 °C

Max Operating Temperature: 70 °C

Manufacturer Warranty

Service & Support: Limited warranty - 3 years

Miscellaneous

Compliant Standards: BSMI, FCC

Software & System Requirements

OS Required: Linux Kernel 2.6.31 or later, Microsoft Windows 7 / 8 / 8.1 / 10

Expansion & Connectivity

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

Compatible Bay: M.2 2260

Reliability

MTBF: 2,000,000 hours

Performance

Drive Writes Per Day (DWPD): 2.5

SSD Endurance: 180 TB

Drive Transfer Rate: 600 MBps (external)

Internal Data Rate: 520 MBps (read) / 100 MBps (write)

4KB Random Read: 50000 IOPS

4KB Random Write: 25000 IOPS

