

Transcend MTS820 - SSD - 480 GB - SATA 6Gb/s



08-05-2024

SKU	TS480GMTS820S
Product Description:	Transcend MTS820 - SSD - 480 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	480 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps

General

Device Type:	Solid state drive - internal
Capacity:	480 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280
Interface:	SATA 6Gb/s
Features:	Native Command Queuing (NCQ), TRIM support, DDR3 DRAM Cache, DevSleep mode, Low-Density Parity Check, SLC cache, S.M.A.R.T.
Width:	80 mm
Depth:	22 mm
Height:	3.58 mm
Weight:	9 g

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	70 °C

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Compliant Standards:	BSMI, FCC
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Software & System Requirements

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

Interfaces:	1 x SATA 6 Gb/s - M.2 Card
Compatible Bay:	M.2 2280

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	560 MBps (read) / 520 MBps (write)
4KB Random Read:	80000 IOPS
4KB Random Write:	85000 IOPS