

Transcend MTS820 - SSD - 120 GB - SATA 6Gb/s



26-07-2024

SKU	TS120GMTS820S
Product Description:	Transcend MTS820 - SSD - 120 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	120 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: 120 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

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 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