

Transcend 110S - SSD - 256 GB - PCIe 3.0 x4 (NVMe)



08-05-2024

SKU	TS256GMT110S
Product Description:	Transcend 110S - SSD - 256 GB - PCIe 3.0 x4 (NVMe)
Type:	Solid state drive - internal
Capacity:	256 GB
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280
Interface:	PCIe 3.0 x4 (NVMe)
Features:	TRIM support, Thermal throttling, Intelligent SLC Caching, Low-Density Parity Check, NVMe Express (NVMe) 1.3, S.M.A.R.T.



General

Device Type: Solid state drive - internal

Capacity: 256 GB

NAND Flash Memory Type: 3D triple-level cell (TLC)

Form Factor: M.2 2280

Interface: PCIe 3.0 x4 (NVMe)

Features: TRIM support, Thermal throttling, Intelligent SLC Caching, Low-Density Parity Check, NVMe Express (NVMe) 1.3, S.M.A.R.T.

Width: 80 mm

Depth: 22 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

Software & System Requirements

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

Expansion & Connectivity

Interfaces: 1 x PCI Express 3.0 x4 (NVMe) - M.2 Card

Compatible Bay: M.2 2280

Reliability

MTBF: 1,000,000 hours

Performance

Drive Writes Per Day (DWPD): 0.2

SSD Endurance: 100 TB

Internal Data Rate: 1600 MBps (read) / 800 MBps (write)

4KB Random Read: 110000 IOPS

4KB Random Write: 95000 IOPS

