



Product Datasheet

7680GB 2.5in SATA Enterprise SSD RI 1 DWPD



- **Product Code:** NB-7680ESSD/RI
- **Product EAN:** 5056006167273
- **Warranty:** 3 Year Advanced Warranty

Origin Storage Ltd manufactures a full range of Matched SSD Solutions for most major branded Servers, laptops and desktops, such as Dell, HP, Toshiba, and Lenovo. All of our Matched SSD Solutions come with up to 5 years advanced replacement warranty and also come with free pre and post sales technical support. We can supply replacements or upgrades in form factors of 2.5" or 3.5", M.2 & AIC with either SATA, SAS or PCIe interfaces respectively, available in a range of capacities and drive write endurances for laptop, desktop or Server. All our Matched SSD Solutions are just that, matched to the system you have for 100% compatibility, right first time, every time!

Technical Specifications

Weight & Dimensions

Width:	69.8 mm
Depth:	100.5 mm
Height:	7 mm
Weight:	70 g

Operational Conditions

Operating Temperature (T-T):	0 - 70 °C
Storage Temperature (T-T):	-40 - 85 °C
Operating Shock:	1500 G

Packaging Data

Storage Drive Adapter Included:	No
Package Type:	Blister

Other Features

Compliance Certificates:	RoHS
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Features

SSD Capacity:	7.68 TB
SSD Form Factor:	2.5"
Interface:	Serial ATA
NVMe:	No
Memory Type:	TLC
Component For:	Server/workstation

Hardware Encryption:	No
Security Algorithms:	256-bit AES
Data Transfer Rate:	6 Gbit/s
Read Speed:	500 MB/s
Write Speed:	500 MB/s
Random Read (4KB):	95000 IOPS
Random Write (4KB):	9500 IOPS
Hot-swap:	No
Mean Time Between Failures (MTBF):	3000000 h
Windows Operating Systems Supported:	Yes
Linux Operating Systems Supported:	Yes

Logistics Data

Harmonized System (HS) Code:	84717070
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Origin Storage Limited

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