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OWC Neptune 6G SSD

2.5" Serial-ATA Solid-State Drive

Speed Up Your Mac or PC

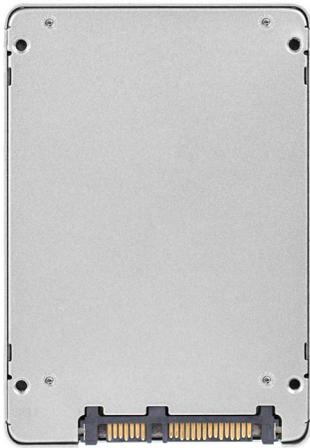
Neptune 6G SSDs deliver the extra performance you need for your everyday computing tasks. Designed to bring new life to your Mac or PC, Neptune increases speed and capacity without breaking the bank. Built to the same exacting standards as all OWC SSDs, Neptune makes upgrading your computer an easy, smart decision.

From booting to browsing, launching apps and editing projects, upgrading your factory drive to a Neptune SSD puts your computer's performance back in the fast lane, with internal speeds up to 511MB/s. Neptune SSDs are built with technologies that are more durable and outperform your computer's spinning hard drive.

Key Features

- Delivers faster boot times and program access
- Exponentially faster and more durable than a hard drive
- Brings new life to aging computers
- Perfect for everyday computing





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Tech Specs

Chipset(s)

- Flash Controller: Silicon Motion SM2258

Protection

- Static and dynamic wear leveling
- RAID-like parity scheme provides an additional layer of error correction
- MTBF: 1.5 million device hours*

Technologies Supported

- Native Command Queuing: up to 32 commands
- RAID: all RAID modes supported if set up properly with your RAID device or software
- SMART Attributes: standard attributes supported
- TRIM support: OS dependent

System Requirements

Hardware

- Any Mac or PC with a native 6Gb/s, SATA 3.0 connection or enclosure that supports 2.5" SATA drives (must support 7.0 mm or 9.5 mm drive height)

Performance

- Read: up to 511MB/s
- Write: up to 488MB/s
- Random Read: up to 85K IOPS
- Random Write: up to 87K IOPS

Power Draw

- Idle: ~ .10W
- Avg. Read / Write : ~ 2.0 W
- Peak Read / Write: ~ 3.5 W

Acoustics

- Designed to operate silently

Operating Environment

- Environmental (Non-Operating)
 - Temperature (°F): -40° to 185°
 - Temperature (°C): -40° to 85°
- Environmental (Operating)
 - Temperature (°F): 32° to 158°
 - Temperature (°C): 0° to 70°

Dimensions

- 3.9 in (W) x .3 in (H) x 2.7 in (D)
- 70.0 mm (W) x 7.0 mm (H) x 100.0 mm (D)

Weight

- 2.7 oz (77.0 g)

Warranty

- 3 year OWC limited

* Based on Telcordia SR-332 reliability prediction procedure

| PART NUMBER | CAPACITY | UPC | AVAILABLE |
|--------------|-----------------|--------------|-----------|
| OWCS3D7N120S | 120GB | 810586030373 | now |
| OWCS3D7N250S | 250GB | 810586030380 | now |
| OWCS3D7N500S | 500GB | 810586030397 | now |
| OWCS3D7N120 | 120GB (20 pack) | 810586030403 | now |
| OWCS3D7N250 | 250GB (20 pack) | 810586030410 | now |
| OWCS3D7N500 | 500GB (20 pack) | 810586030427 | now |



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