

Read speeds up to 3400MB/s  
Write speeds up to 3000MB/s



Up to 2TB



Workstation-class



M.2 NVMe

# OWC Aura P12

M.2 NVMe SSD

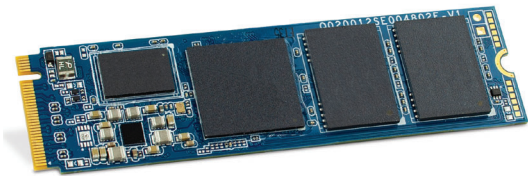
## Raise Your Game with NVMe Performance

Aura P12 M.2 NVMe gears up your system for media heavy projects or breakthroughs in your favorite hardware-punishing games. Using NVMe technology designed for flash memory, Aura P12 provides a perfectly optimized blend of speed and reliability features to reach speeds up to 3400MB/s, so you can stream high-res video and graphics files without a glitch. With a built-in SLC caching technique, the drive delivers ultra-fast write speeds up to 3000MB/s optimized to endure your render queue.

Aura P12 is a versatile SSD that's at home in an external storage enclosure or on your motherboard. In an external drive, Aura P12 offers dependable speed and data protection for on-location downloads of large media files – 8K video, high-res photo, and audio files. Internally, Aura P12 adds a new performance dimension to your PC that can equate to faster previews, renders and processing in audio and VFX programs.

### Key Features

- NVMe 1.3 (PCIe 3.1 x4)
- SLC caching for burst performance
- Advanced wear leveling
- Bad block management
- 7% overprovisioning
- Designed for silent operation



# OWC Aura P12 M.2 NVMe SSD

## Tech Specs

### Controller

- Phison E12

### Flash Components

- 3D TLC NAND

### Form Factor

- M.2 2280 "M key"

### Interface

- NVMe 1.3 (PCIe 3.1 x4)

### System Requirements

- Windows 7 or later
- Windows Server 2008 R2 or later
- OS X 10.11; macOS 10.12 or later<sup>1</sup>

### Performance

- Sequential Speeds
  - Reads up to 3400MB/s
  - Writes up to 3000MB/s
- Random
  - Reads up to 600k IOPS
  - Writes up to 600k IOPS

### Overprovisioning

- 7% overprovisioning

### Operating Environment

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

### Technologies & Features Supported

- SLC caching
- Predict and fetch read acceleration
- Advanced wear leveling
- Bad block management
- SMART Attributes: standard attributes supported
- TRIM support: OS dependent
- End to end data path protection
- LDPC/ECC

### Acoustics

- Designed to operate silently

### Dimensions

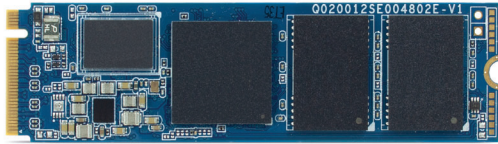
- 240GB and 480GB
  - 0.9 in (W) x 0.08 in (H) x 3.2 in (D)
  - 22.0 mm (W) x 2.0 mm (H) x 80.0 mm (D)
- 1TB and 2TB
  - 0.9 in (W) x 0.14 in (H) x 3.2 in (D)
  - 22.0 mm (W) x 3.5 mm (H) x 80.0 mm (D)

### Weight

- 240GB and 480GB
  - 0.3 oz (7.0 g)
- 1TB and 2TB
  - 0.3 oz (8.0 g)

### Warranty

- 5 Year OWC Limited Warranty



| PART NUMBER | CAPACITY | UPC | AVAILABLE |
|-------------|----------|-----|-----------|
|-------------|----------|-----|-----------|

|               |       |              |     |
|---------------|-------|--------------|-----|
| OWCS3DN3P2T02 | 240GB | 810586032445 | now |
| OWCS3DN3P2T05 | 480GB | 810586032452 | now |
| OWCS3DN3P2T10 | 1TB   | 810586032469 | now |
| OWCS3DN3P2T20 | 2TB   | 810586032476 | now |



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1. Requires a compatible external enclosure. Not a compatible replacement for the internal drive in any Mac computer.