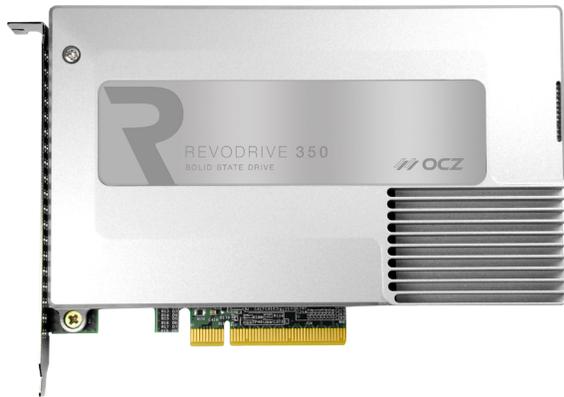




## RevoDrive 350 Series

PCIe Client Workstation SSD



### RevoDrive 350 Series at a Glance

- Supporting intensive consumer workstation environments for developers, media designers, and performance gamers
- Utilizing the latest generation of 19nm Toggle flash for superior speeds and the best bang for the buck
- Rated for 50GB/day of host writes for 3 years
- Eliminating the SATA bottleneck to deliver 1.8GB/s of bandwidth and 140,000 4KB random write IOPS
- RAID without the hassle, get a RAID 0 configuration with the stress-free installation of a single drive
- Available in 240GB to 960GB capacities
- Compatible with Windows®, Linux support planned
- 3-year warranty

### Break the Bottleneck

Imagine the faster file transfers, snappier boot ups, and system responsiveness that make SSDs superior to hard drives, and then multiply that by 3X to achieve the incredible speeds of the PCIe-based RevoDrive 350. Free up the bandwidth and see the productivity potential your workstation or performance gaming system was missing for so long.

### Sophisticated Feature-Set

There's more below the surface of its incredible speeds. With OCZ's Virtualized Controller Architecture (VCA) technology, the multi-controller RevoDrive 350 is seen by the host as a single drive to enable TRIM command support, SMART health monitoring, and easy firmware updates. Plus, it's bootable as a direct-attach device to launch applications in a snap.

### Key Differentiators

- **Leading client-grade PCIe storage solution**, offering a more robust solution than the previous generation
- **OCZ's Virtualized Controller Architecture (VCA)** enables drive-level management features such as Secure Erase, SMART, and TRIM
- **Endurance rating ideal for heavy client workloads** and intensive consumer workstation environments
- **Improved thermal management** over previous generation with new alloy housing for more effective heat dissipation
- **Supports AES-128 data encryption** for advanced security of your sensitive information
- **Full-Height/Half-Length design supports up to 1TB** (960GB usable) capacities for large-scale data storage
- **Bootable as a direct-attach device** to instantly launch Windows® OS and your applications

### Quick Specs

- Up to 1800 MB/s Sequential Read
- Up to 1700 MB/s Sequential Write
- Up to 135,000 IOPS 4k Random Read
- Up to 140,000 IOPS 4k Random Write
- Available in 240GB - 960GB
- 3-Year Warranty



## Don't be Afraid to Write

As a media professional, you write a lot more data than the average user. The RevoDrive 350 has you covered, supporting up to 50GB of host writes per day for 3 years to provide leading endurance over less robust consumer SSDs.

## Keep Thermals in Check

That sleek new casing isn't just for looks. RevoDrive 350 keeps its cool even during the most intensive applications or heavy multitasking with an improved alloy housing to effectively dissipate heat.

## Specifications

| Performance                            | 240GB       | 480GB        | 960GB        |
|--|-------------|--------------|--------------|
| Sequential Read <sup>1</sup>           | 1000 MB/s   | 1800 MB/s    | 1800 MB/s    |
| Sequential Write <sup>1</sup>          | 950 MB/s    | 1700 MB/s    | 1700 MB/s    |
| Sustained 4K Random Read <sup>2</sup>  | 45,000 IOPS | 90,000 IOPS  | 135,000 IOPS |
| Sustained 4K Random Write <sup>2</sup> | 80,000 IOPS | 140,000 IOPS | 140,000 IOPS |

<sup>1</sup> Maximum sequential speeds are determined using ATTO.

<sup>2</sup> 4KB random performance is measured with IOMeter 2010, QD32, Incompressible data.

## Physical

|                           |  |
|---------------------------|--|
| Usable Capacities (IDEMA) | 240GB / 480GB / 960GB                          |
| NAND Components           | 19nm Multi-Level Cell (MLC) Flash              |
| Interface                 | PCI Express Gen. 2 x8                          |
| Form Factor               | Full-Height/Half-Length (FH/HL)                |
| NAND Controller           | LSI® SandForce® SF-2282*                       |
| Storage Controller        | VCA 2.0 (Virtualized Controller Architecture™) |
| Dimensions                | 180.9 (L) x 126.3 (W) x 21.6mm (H)             |
| Drive Weight              | 310g (may vary by capacity)                    |

\* 2 x controllers on 240GB, 4 x controllers on 480GB & 960GB

## Environmental

|                             | 240GB   | 480GB | 960GB |       |
|-----------------------------|---|-------|-------|-------|
| Power Consumption           | Idle  | 8.0W  | 9.5W  | 10.0W |
|                             | Active  | 10.5W | 14.0W | 14.5W |
| Operating Temperature       | 0°C ~ 55°C                                      |       |       |       |
| Storage Temperature         | -45°C ~ 85°C                                    |       |       |       |
| Shock Resistance            | 500G/0.5ms                                      |       |       |       |
| Vibration (Operational)     | 2.17Grms (7-800Hz)                              |       |       |       |
| Vibration (Non-Operational) | 3.13Grms (8-800Hz)                              |       |       |       |
| Altitude (Operational)      | -1,000ft to 10,000ft                            |       |       |       |
| Altitude (Non-Operational)  | -1,000ft to 40,000ft                            |       |       |       |
| Airflow                     | 300LFM @ 55°C                                   |       |       |       |
| Certifications              | UL C/US, FCC, CE, C-Tick, KCC, BSMI, VCCI, WEEE |       |       |       |



## Reliability/Security

|  |  |
|--|--|
| <b>Mean Time Between Failures (MTBF)</b> | 2 million hours  |
| <b>Endurance Rating</b>                  | Rated for 50GB/day of host writes for 3 years under typical client workloads |
| <b>Data Encryption</b>                   | AES-128 compliant  |
| <b>Product Health Monitoring</b>         | Self-Monitoring, Analysis and Reporting Technology (SMART) Support           |

## Compatibility

|                              |  |
|------------------------------|--|
| <b>PCI Express</b>           | PCI Express x8 or x16 slot; Fully compliant with the PCI Express Electromechanical Specification Rev. 2.0, and PCI Express Base Specification Rev. 2.0 |
| <b>Operating Systems</b>     | Microsoft Windows 7, 8, 8.1 32/64-bit, Linux support planned   |
| <b>Power Requirements</b>    | PCIe 12V & 3.3V  |
| <b>Targeted Applications</b> | Client workstations and performance gaming systems   |

## Additional Features

|                                 |  |
|---------------------------------|--|
| <b>Performance Optimization</b> | TRIM (requires OS support), Garbage Collection                 |
| <b>Service &amp; Support</b>    | 3-Year Warranty, Toll-Free Tech Support, 24 Hour Forum Support |

## Ordering Information

|              | <b>Part Number</b> | <b>UPC</b>   |
|--------------|--------------------|--------------|
| <b>240GB</b> | RVD350-FHPX28-240G | 842024036371 |
| <b>480GB</b> | RVD350-FHPX28-480G | 842024036388 |
| <b>960GB</b> | RVD350-FHPX28-960G | 842024036401 |