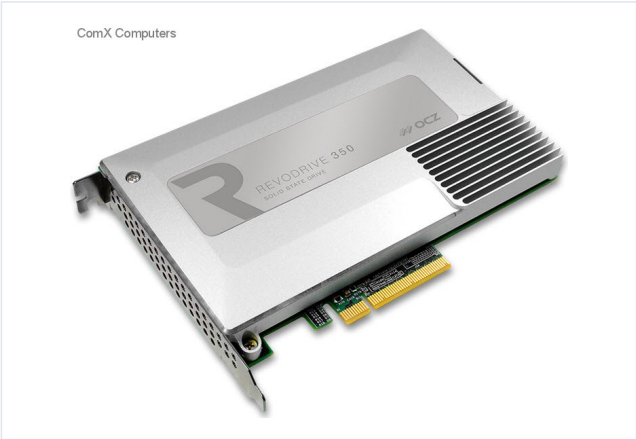
ComX Computers
Product Specification Sheet

RVD350-FHPX28-480G

OCZ Revodrive 350 480GB PCIe Express SSD

Product Overview

OCZ Revodrive 350 480GB PCIe Express SSD, VCA 2.0 (Virtualized Controller Architecture)



Specifications

Features:

Bye-Bye Bottleneck
Eliminates the SATA bottleneck enabling up to 3x the performance

Hassle-Free RAID
Get SSD RAID performance in an easy to deploy, single card solution

Virtualized Controller Architecture™ (VCA) 2.0
Internal storage controller enables TRIM, SMART, and secure erase

Workstation-grade Design
Engineered for demanding professional applications

Optimized Drivers
Ground-up, redesigned drivers for ultimate performance efficiency

Enhanced Thermals
Integrated heatsink provides a stable and cool thermal SSD environment

Superior Bandwidth
More available bandwidth with PCI Express Gen. 2 x8 interface

Enterprise Derived
Design based on enterprise-grade OCZ Z-Drive 4500

Less Lag
OCZ SSDs offer industry-leading low latency, enabling faster access to data and a more responsive computer. Optimize an old notebook or maximize a modern PC.

Proprietary Technology
It's through cutting-edge technology that OCZ has set itself apart from the rest. Our secret sauce is in our advanced suite of flash management.

Award-Winning Innovation
With innovative storage features, OCZ promises to change your computing expectations and live up to the hype of using an SSD.

Advanced Endurance
Worried about the lifespan of flash memory? OCZ increases durability and maximizes the life expectancy of the flash in each SSD.

Beyond the Box
OCZ SSDs deliver lasting performance and reliability long after the initial 'fresh-out-of-the-box' experience.

Faster Performance
SSD technology enables 100x greater throughput, quicker boot ups, faster file transfers, and overall snappier performance than hard drives.

More Bang for the Buck
When considering performance per dollar, SSDs are more cost-effective than their mechanical counterparts.

Greater Durability
The non-mechanical design of NAND flash mounted to circuit boards is extremely durable, unlike HDDs and their rotating disks and seeking spindles.

Energy Efficient
SSDs use significantly less power than hard drives, promoting a longer battery life in notebooks, less power consumption, and a greener computing environment.

Silent Operation
With no moving parts, SSDs run virtually silent in your notebook or PC to eliminate distracting noise during gaming or entertainment.

Specifications:

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Specifications	
Product Code	RVD350-FHPX28-480G
GENERAL	
PERFORMANCE	480GB
Sequential Reads	1800 MB/s
Sequential Writes	1700 MB/s
Random Read Speed (4K, QD32)	90,000 IOPS
Random Write Speed (4K, QD32)	140,000 IOPS
PHYSICAL	

Usable Capacities (IDEMA)	480GB
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)
Dimension (mm)	180.9 (L) x 126.3 (W) x 21.6 (H)
Weight	310g (may vary by capacity)
ENVIRONMENTAL	
Power Consumption	480GB: Idle 9.5W, Active 14.0W
Operating Temperature	0 degreesC ~ 55 degreesC
Storage Temperature	-45 degreesC ~ 85 degreesC
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 degreesC
Certifications	UL C/US, FCC, CE, C-Tick, KCC, BSMI, VCCI, WEEE
RELIABILITY / PROTECTION	
Mean Time Between Failures (MTBF)	2 million hours
Endurance Rating	Rated for 50GB/day of host writes for 3 years under typical client workloads
Data Encryption	AES-128 compliant
Product Health Monitoring	Self-Monitoring, Analysis and Reporting Technology (SMART) Support
COMPATABILITY	
PCI Express	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
Operating System	Microsoft Windows 7, 8, 8.1 32/64-bit, Linux support planned
Power Requirements	PCIe 12V & 3.3V
Target Applications	Client workstations and performance gaming systems
ADDITIONAL FEATURES	
Performance Optimization	TRIM (requires OS support), Garbage Collection

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/RVD350-FHPX28-480G-OCZ-Revodrive-350-480GB-PCIe-Express-SSD-p-95970.php

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