OCZ RevoDrive X2 Series

PCI-Express x4 Solid-State Drive

Design & Technology:

PCIe SSD for High-Performance consumer applications

Building off the award-winning RevoDrive, the OCZ RevoDrive X2 takes performance to new heights while doubling the storage capacity for the ultimate PC experience. With a proprietary four-way RAID 0 design, the RevoDrive X2 enhances data access and maximizes bandwidth with superior data rates up to 740 MB/s and up to 120,000 IOPS, nearly triple the throughput of other consumer SSDs. Unlike competing PCIe solutions, the RevoDrive X2 is bootable ensuring quicker boot-ups in addition to snappier application loading and file management. The RevoDrive X2 can accommodate a wide range of computing environments such as video-editing and other multi-media creation and management, all while providing the superior durability and reliability of SSDs.



Applications:

- ✓ Workstation PCs
- ✓ Desktop PCs

	Part Numbers	UPC
RevoDrive X2 100GB	OCZSSDPX-1RVDX0100	842024020455
RevoDrive X2 160GB	OCZSSDPX-1RVDX0160	842024020462
RevoDrive X2 240GB	OCZSSDPX-1RVDX0240	842024020479
RevoDrive X2 360GB	OCZSSDPX-1RVDX0360	842024020486
RevoDrive X2 480GB	OCZSSDPX-1RVDX0480	842024020493
RevoDrive X2 720GB	OCZSSDPX-1RVDX0720	842024020509
RevoDrive X2 960GB	OCZSSDPX-1RVDX0960	842024020516

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Specifications:

	RevoDrive X2 100 - 160GB	RevoDrive X2 240 - 960GB
PERFORMANCE		
Max Read[1]	up to 740 MB/s	up to 740 MB/s
Max Write[1]	up to 690 MB/s	up to 720 MB/s
Sustained Write[2]	up to 550 MB/s	up to 600 MB/s
4KB Random Write[3]	100,000 IOPS	120,000 IOPS
Seek Time	0.1 ms	0.1 ms
PHYSICAL		
Usable Capacities (IDEMA)	100GB, 160GB, 240GB, 360GB, 480GB, 720GB, 960GB	
NAND Components	Multi-Level Cell (MLC)	
Interface	PCI-Express Gen. 1	
Form Factor	PCI-Express x4 slot	
Controller	4 x SandForce 1222	
Dimensions (L x W x H)	181.07 x 21.59 x 126.39 mm	
Weight	171g (may vary slightly depending on capacity)	
ENVIRONMENTAL		
Power Consumption	Idle: 4.3 Watts Active: 8.3 Watts	
Operating Temperature	0°C ~ +70°C	
Storage Temperature	-45°C ~ +85°C	
Vibration	1500G	
Certifications	RoHS, CE, FCC	
RELIABILITY		
MTBF	2 million hours	
Reliability	ECC: 27 bytes of redundancy per 512 bytes data. Up to twelve 9-bit symbols correctable	
COMPATIBILITY		
PCI-Express	Fully compliant with the PCIe Electromechanical Specification Rev. 1.1, and with the PCI-Express Base Specification Rev. 1.1	
Operating System	Windows XP 32/64 Bit; Windows Vista 32/64 Bit; Windows 7 32/64 Bit	
Power Requirements	Powered by the PCI-Express Bus	
ADDITIONAL FEATURES		
Performance Optimization	Onboard RAID 0	
System Integration	Bootable	
Service & Support	3-Year Warranty, Toll-Free Tech Support, 24 Hour Forum Support	

[1] Maximum Sequential Speeds are determined using ATTO
[2] Sustained transfer rate is measured using Iometer 2008, Queue Depth 32, 128KB
[3] Small file I/O performance is measured using Iometer 2008, Queue Depth 32, 4KB Aligned

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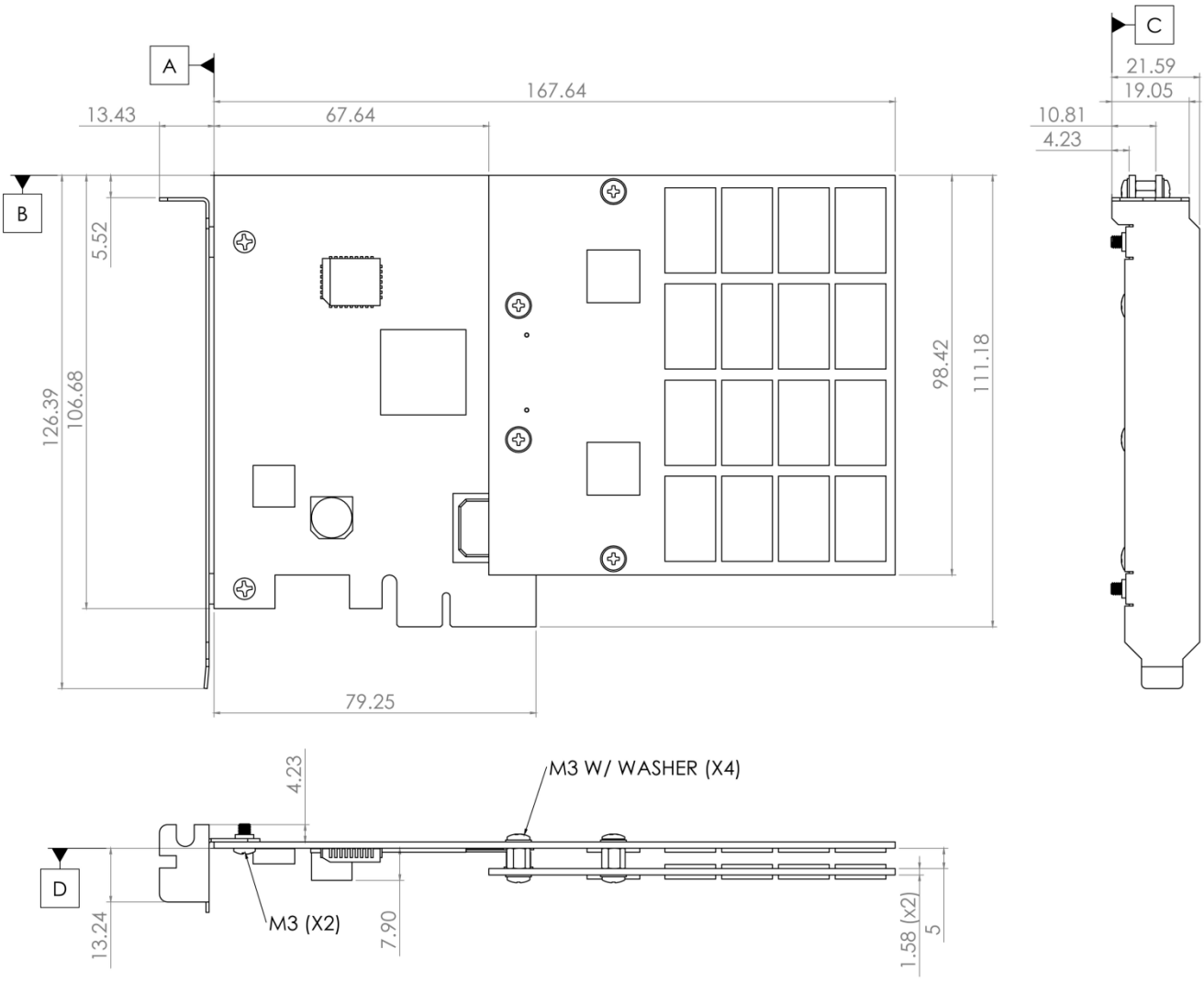
Mechanical Specifications:



NOTE:

1. THIS DRAWING MUST BE USED TO IDENTIFY CRITICAL DIMENSIONS, TOLERANCES AND REFERENCE.
2. INTERPRET DIMENSION AND TOLERANCE PER ANSI 14.5M-1994
3. UNLESS OTHERWISE SEPCIFIED: DIMENSIONS ARE IN MILLIMETERS

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