



OCZ Solid State Drive Breakdown

Delivering performance, versatility, and reliability that other SSD lines cannot offer

2.5 inch SATA III

	Capacity	Max Read	Max Write	Random Write Performance*	Technology	NAND
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Vertex 3 Max IOPS Series - Maximizes data throughput with increased random IOPS performance [Product Page](#)

VTX3MI-25SAT3-120G	120GB	550MB/s	500MB/s	Up to 75,000 IOPS	SandForce 2200	MLC
VTX3MI-25SAT3-240G	240GB	550MB/s	500MB/s	Up to 65,000 IOPS		

Vertex 3 Series - Excellent performance & endurance for write-intensive applications [Product Page](#)

VTX3-25SAT3-60G	60GB	535MB/s	480MB/s	Up to 60,000 IOPS	SandForce 2200	MLC
VTX3-25SAT3-120G	20GB	550MB/s	500MB/s	Up to 60,000 IOPS		
VTX3-25SAT3-240G	240GB	550MB/s	520MB/s	Up to 60,000 IOPS		
VTX3-25SAT3-480G	480GB	530MB/s	450MB/s	Up to 40,000 IOPS		

Agility 3 Series - Built to provide an exceptional balance of SATA III performance and value [Product Page](#)

AGT3-25SAT3-60G	60GB	525MB/s	475MB/s	Up to 50,000 IOPS	SandForce 2200	MLC
AGT3-25SAT3-120G	120GB	525MB/s	500MB/s	Up to 50,000 IOPS		
AGT3-25SAT3-240G	240GB	525MB/s	500MB/s	Up to 45,000 IOPS		

Solid 3 Series - Provides a superior combination of affordability and performance [Product Page](#)

SLD3-25SAT3-60G	60GB	500MB/s	450MB/s	Up to 20,000 IOPS	SandForce 2200	MLC
SLD3-25SAT3-120G	120GB					

2.5 inch SATA II

Vertex 2 EX Series - Excellent performance & endurance for write-intensive applications [Product Page](#)

OCZSSD2-2VTXEX50G	50GB	285MB/s	275MB/s	Up to 50,000 IOPS	SandForce 1500 Power loss protection	SLC
OCZSSD2-2VTXEX100G	100GB					

Vertex 2 Pro Series - Enterprise-level reliability and performance using MLC [Product Page](#)

OCZSSD2-2VTXP50G	50GB	285MB/s	275MB/s	Up to 50,000 IOPS	SandForce 1500 Power loss protection	MLC
OCZSSD2-2VTXP100G	100GB					
OCZSSD2-2VTXP200G	200GB					

Vertex 2 Series - The highly-anticipated follow-up to the renowned Vertex Series [Product Page](#)

OCZSSD2-2VTX50G	50GB	285MB/s	275MB/s	Up to 50,000 IOPS	SandForce 1200 Max IOPS Firmware	MLC
OCZSSD2-2VTXE60G	55GB					
OCZSSD2-2VTX60G	60GB					
OCZSSD2-2VTX80G	80GB					
OCZSSD2-2VTXE90G	90GB					
OCZSSD2-2VTX100G	100GB					
OCZSSD2-2VTXE120G	115GB					
OCZSSD2-2VTX120G	120GB					
OCZSSD2-2VTX160G	160GB					
OCZSSD2-2VTXE180G	180GB					
OCZSSD2-2VTX200G	200GB					
OCZSSD2-2VTXE240G	240GB					
OCZSSD2-2VTX400G	400GB					
OCZSSD2-2VTXE480G	480GB					

Vertex 2 Series – Vertex 2 with locked BOM editions for enthusiasts [Product Page](#)

OCZSSD2-2VTX80G.25	80GB	280MB/s	265MB/s	Up to 45,000 IOPS	SandForce 1200 Max IOPS Firmware	25nm MLC
OCZSSD2-2VTX160G.25	160GB	280MB/s	270MB/s			
OCZSSD2-2VTX200G.25	200GB	280MB/s	270MB/s			
OCZSSD2-2VTX60G.34	60GB	280MB/s	270MB/s	Up to 50,000 IOPS		34nm MLC
OCZSSD2-2VTX120G.34	120GB					
OCZSSD2-2VTX240G.34	240GB					

*Unless otherwise specified, IOPS are quoted as 4KB Random Write (Aligned)

2.5 inch SATA II

	Capacity	Max Read	Max Write	Random Write Performance*	Technology	NAND
Agility 2 Series - Makes a winning SSD even better with enhanced performance Product Page						
OCZSSD2-2AGT50G OCZSSD2-2AGTE60G OCZSSD2-2AGT80G OCZSSD2-2AGTE90G OCZSSD2-2AGT100G OCZSSD2-2AGTE120G OCZSSD2-2AGT160G OCZSSD2-2AGTE180G OCZSSD2-2AGT200G OCZSSD2-2AGTE240G	50GB 60GB 80GB 90GB 100GB 120GB 160GB 180GB 200GB 240GB	285MB/s	275MB/s	Up to 10,000 IOPS	SandForce 1200	MLC
OCZSSD2-2AGT400G OCZSSD2-2AGTE480G	400GB 480GB	250MB/s	240MB/s			

Vertex Plus Series

Increased performance from the previous generation with optimized firmware [Product Page](#)

OCZSSD2-1VTXPL60G OCZSSD2-1VTXPL120G OCZSSD2-1VTXPL240G	60GB 120GB 240GB	255MB/s	255MB/s	Up to 10,000 IOPS	Indilinx Barefoot w/ Arowana FTL	MLC
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Vertex Series

The critically acclaimed SSD solution that changed the industry [Product Page](#)

OCZSSD2-1VTX30G OCZSSD2-1VTX60G OCZSSD2-1VTX96G OCZSSD2-1VTX120G	30GB 60GB 96GB 120GB	250MB/s	180MB/s	N/A	Indilinx Barefoot	MLC
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Onyx Series

Exceptional boot-up drive with a mind-blowing price point [Product Page](#)

OCZSSD2-1ONX32G OCZSSD2-1ONX64G	32GB 64GB	135MB/s	70MB/s	N/A	Indilinx Amigos	MLC
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1.8 inch SATA II

Vertex 2 Series

Delivers the same industry-leading performance as the 2.5" edition in a smaller form factor [Product Page](#)

OCZSSD1-2VTX90G OCZSSD1-2VTX180G	90GB 180GB	285MB/s	275MB/s	Up to 50,000 IOPS	SandForce 1200 Max IOPS Firmware	MLC
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Onyx Series

Exceptional performance and very low power consumption (1 watt) [Product Page](#)

OCZSSD1-1ONX32G OCZSSD1-1ONX64G	32GB 64GB	145MB/s	120MB/s	N/A	Indilinx Amigos	MLC
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3.5 inch SATA II

Vertex 2 Series

Delivers the same industry-leading performance as the 2.5" edition for a better price-per-GB [Product Page](#)

OCZSSD3-2VTX90G OCZSSD3-2VTX120G OCZSSD3-2VTX180G OCZSSD3-2VTX240G OCZSSD3-2VTX360G	90GB 120GB 180GB 240GB 360GB	285MB/s	275MB/s	Up to 50,000 IOPS	SandForce 1200 Max IOPS Firmware	MLC
OCZSSD3-2VTX480G	480GB	250MB/s	240MB/s	Up to 22,500 IOPS		

Agility 2 Series

Delivers the same industry-leading performance as the 2.5" edition for a better price-per-GB [Product Page](#)

OCZSSD3-2AGT90G OCZSSD3-2AGT120G OCZSSD3-2AGT180G OCZSSD3-2AGT240G OCZSSD3-2AGT360G	90GB 120GB 180GB 240GB 360GB	285MB/s	275MB/s	Up to 10,000 IOPS	SandForce 1200	MLC
OCZSSD3-2AGT480G	480GB	250MB/s	240MB/s			



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3.5 inch SATA II

	Capacity	Max Read	Max Write	Random Write Performance*	Technology	NAND
Colossus 2 Series - Take advantage of state-of-the-art SSD technology with ample storage Product Page						
OCZSSD3-2CLS460G	460GB	250MB/s	250MB/s	20,000 IOPS (4k Random)	SandForce 1200	MLC
OCZSSD3-2CLS960G	960GB					

Colossus Plus Series

 - Optimized firmware for enhanced performance combined with ample storage [Product Page](#)

CLSPL-35SAT2-120G	120GB	250MB/s	250MB/s	12,300 IOPS (4k Random)	Indilinx Barefoot w/Arowana FTL High Capacities for desktop usage	MLC
CLSPL-35SAT2-240G	240GB					
CLSPL-35SAT2-480G	480GB					
CLSPL-35SAT2-960G	960GB					

PCI-Express

Z-Drive R4 Series

 - The pinnacle of storage performance with a sophisticated enterprise feature-set [C Series Product Page](#) [R Series Product Page](#)

ZD4CM84-HH-300G, 600G, 1.2T	300GB	2800MB/s	2800MB/s	Up to 500,000 IOPS	SandForce 2100 VCA 2.0* Power loss protect Encryption ECC Recovery Bootable TRIM/SCSI unmap SuperScale Processor	MLC
ZD4CM88-FH-800G, 1.6T, 3.2T	600GB					
ZD4RM84-HH-300G, 600G, 1.2T	1.2TB					
ZD4RM88-FH-800G, 1.6T, 3.2T	3.2TB					

VeloDrive Series

 - Helps accelerate enterprise and HPC applications with a truly configurable solution [Product Page](#) [C Series Product Page](#)

VDC-HHPX8-160G	160GB	1050MB/s	1000MB/s	Up to 130,000 IOPS	Run in hardware or software RAID mode SandForce 1500 Power loss protection ECC Recovery Bootable	MLC
VDC-HHPX8-320G	320GB					
VD-HHPX8-300G	300GB					
VD-HHPX8-600G	600GB					
VD-HHPX8-1.2T	1.2TB					

RevoDrive 3 X2 Series

 - Taking workstation performance to new heights for video and multimedia professionals [Product Page](#)

RVD3X2-FHPX4-240G	240GB	1500MB/s	1300MB/s	Up to 230,000 IOPS	SandForce 2000 VCA 2.0* SuperScale Processor	MLC
RVD3X2-FHPX4-480G	480GB					
RVD3X2-FHPX4-960G	960GB					

RevoDrive 3 Series

 - Incredible performance for workstation professionals with a unique and powerful feature-set [Product Page](#)

RVD3-FHPX4-120G	120GB	1000MB/s	925MB/s	Up to 130,000 IOPS	SandForce 2000 VCA 2.0* SuperScale Processor	MLC
RVD3-FHPX4-240G	240GB					
RVD3-FHPX4-480G	480GB					

RevoDrive X2 Series

 - Upgrades the original architecture to deliver unprecedented speeds and higher capacities [Product Page](#)

OCZSSDPX-1RVDX0100	100GB	740MB/s	720MB/s	Up to 120,000 IOPS	SandForce 1200 Onboard RAID 0 Bootable	MLC
OCZSSDPX-1RVDX0160	160GB					
OCZSSDPX-1RVDX0220	220GB					
OCZSSDPX-1RVDX0240	240GB					
OCZSSDPX-1RVDX0360	360GB					
OCZSSDPX-1RVDX0480	480GB					
OCZSSDPX-1RVDX0960	960GB					

RevoDrive Series

 - Makes fast, faster with an innovative performance design & makes affordability a priority [Product Page](#)

OCZSSDPX-1RVD0050	50GB	540MB/s	480MB/s	Up to 75,000 IOPS	SandForce 1200 Onboard RAID 0 Bootable	MLC
OCZSSDPX-1RVD0080	80GB					
OCZSSDPX-1RVD0110	110GB					
OCZSSDPX-1RVD0120	120GB					
OCZSSDPX-1RVD0180	180GB					
OCZSSDPX-1RVD0230	230GB					
OCZSSDPX-1RVD0240	240GB					
OCZSSDPX-1RVD0360	360GB					
OCZSSDPX-1RVD0480	480GB					

Hybrid

Capacity	Max Read	Max Write	Random Write Performance*	Technology	NAND
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RevoDrive Hybrid Series – Unique hybrid storage solution with the best of both worlds for performance and value [Product Page](#)

RVDHY-FH-1T	1TB	910MB/s	810MB/s	Up to 120,000 IOPS	100GB SSD Caching Software VCA 2.0	MLC
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3.5 inch HSDL

IBIS Series - The first SSD to make use of the trailblazing High-Speed Data Link interface developed by OCZ Technology [Product Page](#)

OCZ3HSD1IBS1-100G OCZ3HSD1IBS1-160G OCZ3HSD1IBS1-240G OCZ3HSD1IBS1-360G OCZ3HSD1IBS1-480G OCZ3HSD1IBS1-720G OCZ3HSD1IBS1-960G	100GB 160GB 240GB 360GB 480GB 720GB 960GB	740MB/s	720MB/s	Up to 125,000 IOPS	HSDL interface 1.0 (10Gbps) SandForce 1200 Onboard RAID 0 Multi-port adaptor card upgrades	MLC
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3.5 inch SAS

Talos Series - Ultra fast SAS solution to accelerate enterprise applications for large aggregate data pools [Product Page](#)

TCSAK352-0230 TCSAK352-0480 TCSAK352-0960	230GB 480GB 960GB	540MB/s	350MB/s	Up to 28,000 IOPS Up to 50,000 IOPS (mixed workload)	SAS 6Gbps VCA 2.0 Encryption / ECC	MLC
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mSATA

Nocti Series - Small form factor SSD for embedded solutions offering blazing performance [Product Page](#)

NOC-MSATA-30G NOC-MSATA-60G NOC-MSATA-120G	30GB 60GB 120GB	280MB/s	260MB/s	Up to 32,000 IOPS	SandForce 2100 SATA II TRIM Support	MLC
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Strata Series - Cost-effective small form factor SSD for home and mobile users **Coming Soon!**

STR-MSATA-30G STR-MSATA-60G	30GB 60GB	130MB/s	85MB/s	Up to 1,500 IOPS	Indilinx Barefoot ECO SATA II TRIM Support	MLC
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What is VCA 2.0? OCZ's Virtualized Controller Architecture (VCA) 2.0 features best-in-class configurable performance aggregation, simplifying data management without impacting performance, to provide clients with an easily deployable total solution. VCA 2.0 is the only virtualization layer in the industry with TRIM and SCSI unmap support, which enhances the sustained performance by significantly reducing the overhead associated with garbage collection. When combined with OCZ's SuperScale™ storage controller, VCA 2.0 provides unique benefits to users by allowing certain direct memory access (DMA) and data management functions, including OCZ's unique command queuing and queue balance algorithms, to be handled by the onboard processing core. For more information, please see our [FAQs](#)

What is HSDL?

HSDL (High Speed Data Link) is a proprietary interface developed by OCZ Technology Group. HSDL significantly outperforms other current interfaces and delivers a maximum of 20Gb/s per channel with up to two channels in the current generation. In 2011, a four channel version will be made available which makes HSDL at least ten times faster than any current storage interface and puts performance in the range of full motherboard bus saturation.

Why did OCZ develop HSDL?

Because solid-state technology is advancing at a faster rate than traditional interfaces, they are rapidly becoming the bottleneck for high-performance storage solutions. HSDL eliminates these bandwidth restrictions found in existing storage protocols and maximizes SSD performance, delivering next-generation speeds today. For more details on HSDL, see our [FAQs](#)