

OCZ Vertex Limited Edition 2.5" SATA II SSD

Design and Technology:

OCZ Technology's latest ground-breaking solid state drive is taking shape in a limited edition solution designed for consumers looking for the highest level of SSD performance. Pushing the envelope like never before, the OCZ Vertex Limited Edition surpasses the competition where it counts most: maximum read/write speeds, unparalleled 4k random write rates, and minimal performance degradation. With performance that takes center stage, the Vertex LE series doesn't lose sight of what makes an SSD the ideal storage alternative to hard drives and delivers the quality, reliability, and durability demanded by consumers that will not settle for anything but the best. Complete with TRIM support, Vertex LE is the ultimate Windows 7 notebook or desktop upgrade.

Applications:

- Enthusiast PCs
- Desktop PCs
- Notebook PCs



Physical Specifications	
Capacity:	100GB and 200GB
NAND Flash Components:	Multi-Level Cell (MLC) NAND Flash Memory
Interface:	SATA II 3.0Gbp/s
Form Factor:	2.5" slim design form factor
Physical Dimensions:	99.8 (L) x 69.63 (W) x 9.3mm (H)

Reliability Specifications	
Life Expectancy:	1.5 million hours Mean Time Before Failure (MTBF)
Reliability:	ECC: 27 bytes of redundancy per 512 bytes data. Up to twelve 9-bit symbols correctable
Product Health Monitoring:	Self-Monitoring, Analysis and Reporting Technology

Environmental Specifications	
Operating Temperature:	0C ~ 70C
Storage Temperature:	-45C ~ +85C
Shock Resistance:	1500G
RoHS Compliance:	Meets the requirements of EU RoHS Compliance Directives

Performance Specifications	
Max Read:	up to 270MB/s
Max Write:	up to 250MB/s
Sustained Write:	up to 235MB/s
Seek Time:	0.1 ms
Max I/O Per Second (IOPS):	50000 IOPS (4KB file size)
Power Consumption:	Standby: 0.5W Active: 2.0W
Performance Optimization:	TRIM (requires OS support)

Compatibility	
SATA:	Fully compliant with Serial ATA International Organization: Serial ATA Revision 2.6. Fully compliant with ATA/ATAPI-7 Standard Native Command Queuing (NCQ)
OS Compatibility:	Windows XP 32 Bit; Windows XP 64 Bit; Windows Vista 32 Bit; Windows Vista 64 Bit; Windows 7 32 Bit; Windows 7 64 Bit; Linux
Power Requirements:	Standard SATA Power Connector

Part Numbers	
100GB:	OCZSSD2-1VTXLE100G
200GB:	OCZSSD2-1VTXLE200G

Mechanical Specifications

