

PRODUCT BRIEF

Intel® Solid-State Drive 335 Series

Non-Volatile Memory Storage Solutions from Intel

The Speed You Need. The Price You Want.

Fast Performance starts here with the 6.0 Gb/s Intel® Solid-State Drive 335 Series. *The Perfect Blend of Cutting Edge Performance, Intel Quality, and Value.*

Incredible Value

With the rapid increase in compute intensive day-to-day applications, Solid-State Drives (SSDs) are fast becoming one of the most essential upgrades to boost your computer's performance. With the latest SATA Technology and newest Intel® NAND Flash, the Intel® SSD 335 Series offers the perfect combination of performance, quality, and price—making it the best value upgrade for your personal computer.

Leading-Edge Technology and Performance at Lower Power

Intel® SSD 335 Series combines the latest SATA 6.0 gigabits per second (Gb/s) technology with industry leading 20 nanometer (nm) Intel® NAND Flash to offer a Solid-State Drive that is blazing fast with speeds up to 500 megabytes per second (MB/s) while using less power. The end result: You get a vastly more responsive PC to handle your most demanding applications that uses less battery.

Quality and Reliability You Can Trust

The Intel® SSD 335 Series is based on Intel's latest 20nm Multi-Level Cell (MLC) Intel® NAND Flash Memory and validated for three years of worry-free useful life. Intel® SSD 335 Series delivers the world class quality, reliability, and customer support you've come to expect from Intel.

SSD Management Tools

The Intel® SSD Toolbox with Intel® SSD Optimizer provides a powerful set of management, information, and diagnostic tools to maintain the health of your Intel® SSD 335 Series and optimize performance to "fresh-out-of-the-box" levels. The free Toolbox also includes the System Configuration Tuner that will configure your system to take full advantage of your Intel® SSD 335 Series performance. Download the Toolbox at: www.intel.com/go/ssdtoolbox

Intel® Data Migration Software makes it easier to upgrade your PC with an Intel® SSD 335 Series. With minimal steps, this tool clones the entire operating system and user files from an existing drive to any Intel® SSD 335 Series. The free Intel Data Migration Software supports Microsoft Windows* 7, Windows Vista*, and Windows XP and is available for download at:

www.intel.com/go/ssdinstallation

Product Packaging

Available in a 240GB and 180GB capacity, the Intel® SSD 335 Series box package includes a 2.5-inch-to-3.5-inch drive adapter and SATA cables.



Intel® Solid-State Drive 335 Series

Technical Specifications ¹		
Model Name	Intel® Solid-State Drive 335 Series	
Capacity	240GB, 180GB	
NAND Flash Memory	20 nanometer Intel® NAND Flash Memory Multi-Level Cell (MLC)	
Bandwidth ²	Sustained Sequential Reads up to:	Sustained Sequential Writes up to:
	240GB : 500 MB/s 180GB : 500 MB/s	240GB : 450 MB/s 180GB : 450 MB/s
Random I/O Operations per Second (4KB IOPS) ³	Reads up to:	Writes up to:
	240GB : 42,000 IOPS 180GB : 42000 IOPS	240GB : 52,000 IOPS 180GB : 52000 IOPS
Interface	SATA 6.0 Gb/s, compatible with SATA 3Gb/s	
Form Factor, Height and Weight	Form Factor	Height / Weight
	2.5 inch	9.5mm / up to 78 grams
Life Expectancy	1.2 million hours Mean Time Between Failures (MTBF)	
Power Consumption	Active: 350 mW Typical ⁴	Idle: 275 mW Typical ⁵
Operating Temperature	0°C to 70°C	
RoHS Compliance	Meets the requirements of European Union (EU) RoHS Compliance Directives	
Software Tools	Intel® Solid-State Drive Toolbox with Intel® SSD Optimizer at www.intel.com/go/ssdtoolbox Intel® Data Migration Software at www.intel.com/go/ssdinstallation	

¹ Based on the Intel® Solid-State Drive 335 Series Product Specification.

² Performance varies by capacity and is measured using Iometer* with Queue Depth 32.

³ Performance measured using Iometer with Queue Depth 32. Measurements are performed on 8GB of logical block address (LBA) range on a full SSD.

⁴ Active power measured during execution of MobileMark* 2007 Workload with SATA Link Power Management (LPM) enabled.

⁵ Idle power defined as SSD at idle with SATA Link Power Management (LPM) enabled.

Solid-State Computing Starts with Intel Inside® For more information, visit www.intel.com/go/ssd

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