



# OCZ Agility 3 SSD Series – 3<sup>rd</sup> Generation

The speed of the SATA III interface for value-seekers

## Engineered for Cost-Effective Performance

OCZ Agility 3 SATA III Solid State Drives are designed and built to provide an exceptional balance of performance and value. The Agility 3 Series implements the cutting-edge SATA 6Gbps interface to deliver excellent sequential and random data transfer rates, significantly improving your computing experience over hard drives.

## Save More. Do More.

In addition to enhanced performance, an Agility 3 upgrade promotes cooler, quieter, and more energy efficient conditions compared to traditional mechanical hard drives. With no moving parts, SSDs provide peace of mind with their superior durability and reliability. Unique and innovative, Agility 3 SSDs deliver a one-of-a-kind storage solution.

## APPLICATIONS

- Desktop PCs
- Notebooks

### Performance

(Full performance achieved with a native SATA 6Gbps controller)

	60GB	120GB	240GB
Max Read Compressible Data <sup>1</sup>	up to 525 MB/s (SATA 6Gbps) up to 280 MB/s (SATA 3Gbps)	up to 525 MB/s (SATA 6Gbps) up to 280 MB/s (SATA 3Gbps)	up to 525 MB/s (SATA 6Gbps) up to 280 MB/s (SATA 3Gbps)
Max Write Compressible Data <sup>1</sup>	up to 475 MB/s (SATA 6Gbps) up to 260 MB/s (SATA 3Gbps)	up to 500 MB/s (SATA 6Gbps) up to 260 MB/s (SATA 3Gbps)	up to 500 MB/s (SATA 6Gbps) up to 260 MB/s (SATA 3Gbps)
4KB Random Read Compressible Data <sup>2</sup>	10,000 IOPS (40 MB/s)	20,000 IOPS (75 MB/s)	35,000 IOPS (135 MB/s)
4KB Random Write Compressible Data <sup>2</sup>	50,000 IOPS (195 MB/s)	50,000 IOPS (195 MB/s)	45,000 IOPS (175 MB/s)
Sequential Read Incompressible Data <sup>3</sup>	180 MB/s	195 MB/s	190 MB/s
Sequential Write Incompressible Data <sup>3</sup>	65 MB/s	130 MB/s	210 MB/s
4K Random Read Incompressible Data <sup>3</sup>	12,500 IOPS (50 MB/s)	23,000 (90 MB/s)	38,000 (150 MB/s)
4K Random Write Incompressible Data <sup>3</sup>	17,500 IOPS (70 MB/s)	35,500 (140 MB/s)	50,000 (200 MB/s)

System Configuration: Intel® Core™ i5 2500K processor, ASUS P8P67 Deluxe Board, Microsoft Windows 7 Ultimate 64-Bit

## SPECIFICATIONS

<b>NAND Components</b>	Multi-Level Cell (MLC)
<b>Interface</b>	SATA III / 6Gbps (Backwards compatible with SATA II / 3Gbps, but optimized for SATA 6Gbps)
<b>Form Factor</b>	2.5 Inch
<b>Controller</b>	SandForce® 2281
<b>Dimensions (L x W x H)</b>	99.8 x 69.63 x 9.3 mm
<b>Seek Time</b>	0.1 ms
<b>Weight</b>	77g
<b>Power Consumption</b>	Idle: 1.5 Watts Active: 2.7 Watts
<b>Operating Temperature</b>	0°C ~ 55°C
<b>Storage Temperature</b>	-45°C ~ 85°C
<b>Shock Resistance</b>	1500G
<b>Certifications</b>	RoHS, CE, FCC
<b>MTBF</b>	2 million hours
<b>ECC Recovery</b>	Up to 55 bits correctable per 512-byte sector (BCH) *varies depending on exact configuration
<b>Product Health Monitoring</b>	Self-Monitoring, Analysis and Reporting Technology (S.M.A.R.T.)
<b>Serial ATA (SATA)</b>	Fully compliant with Serial ATA International Organization: Serial ATA Revision 3.0. Fully compliant with ATA/ATAPI-8 Standard Native Command Queuing (NCQ)
<b>Operating System</b>	Windows XP 32-Bit and 64-Bit; Windows Vista 32-Bit and 64-Bit; Windows 7 32-Bit and 64-Bit; Mac OS X; Linux
<b>Power Requirements</b>	Standard SATA Power Connector
<b>Performance Optimization</b>	TRIM (requires OS support)
<b>Service &amp; Support</b>	3-Year Warranty, Toll-Free Tech Support, 24 Hour Forum Support, Firmware Updates



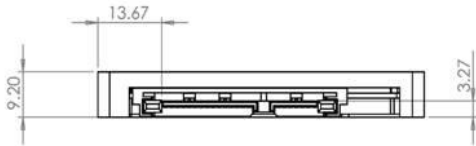
<sup>1</sup> Maximum Sequential Speeds are determined using ATTO

<sup>2</sup> Small file I/O performance is measured using Iometer 2008, Queue Depth 32, 4KB Aligned

<sup>3</sup> Incompressible data performance is measured using AS-SSD; 64 thread for 4K specs

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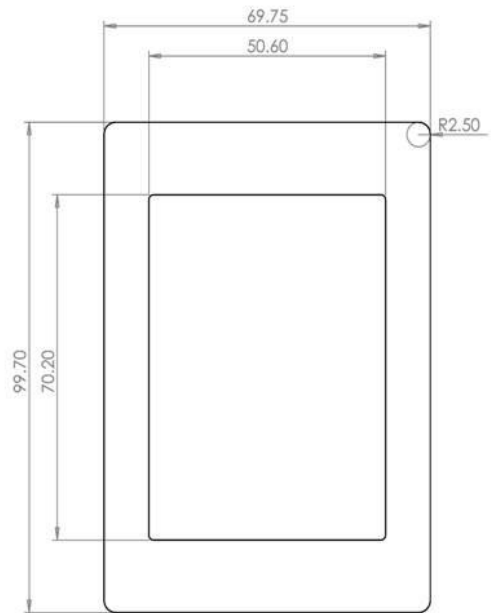
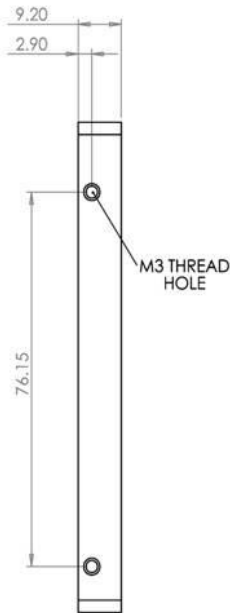
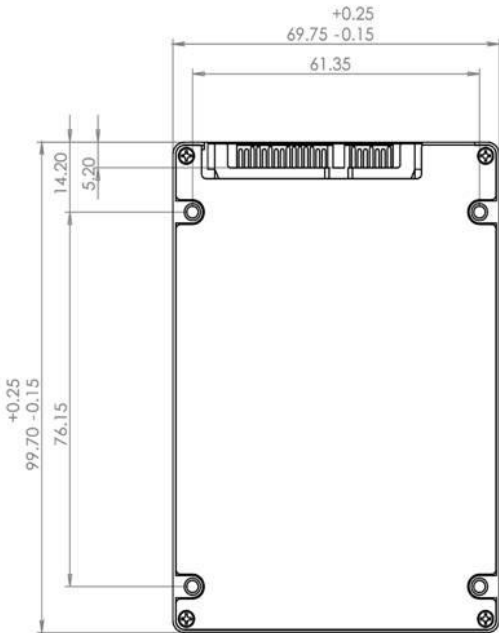
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## MECHANICAL SPECIFICATIONS

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 SPECIFIED, DIMENSIONS ARE IN MILLIMETERS



## PACKAGING SPECIFICATIONS

Dimensions (L x W x H) 152.4 x 127 x 14.5mm

Weight 140g



## ORDERING INFORMATION

PRODUCT	RAW CAPACITY	IDEMA CAPACITY	PART NUMBER	UPC
Agility 3 2.5" SSD	64GB	60GB	AGT3-25SAT3-60G	842024026792
Agility 3 2.5" SSD	128GB	120GB	AGT3-25SAT3-120G	842024026723
Agility 3 2.5" SSD	256GB	240GB	AGT3-25SAT3-240G	842024026730