

OCZ Agility 2 Series SATA II 2.5" SSD

Design and Technology:

Based on a cutting-edge new architecture, Agility 2 Solid State Drives deliver unprecedented performance while maintaining an affordable storage solution for early adopters looking to update their systems with the latest technology. OCZ designed the Agility 2 to excel in both sequential and random read/write rates to take your PC or notebook productivity to the next level, featuring superb 4k random writes up to 10,000 IOPS to give a performance edge over the previous generation. Using the latest controller technology, Agility 2 not only provides a faster, more responsive PC experience, but promotes cooler, quieter, and more energy efficient conditions compared to traditional mechanical hard drives.

With solid performance coupled with supreme reliability, the Agility 2 is designed to push the envelope in storage technology for those who place a premium on speed, reliability and efficiency, but demand the affordability of MLC flash memory. Built with SATA 3Gb/s, the Agility 2 Series easily integrates into today's mobile and desktop platforms and features TRIM support to optimize performance over the drive's lifespan as the ultimate Windows 7 notebook or desktop upgrade.

Applications:

- Workstation PCs
- Desktop PCs
- Notebook PCs



Part Numbers

- OCZSSD2-2AGT40G
- OCZSSD2-2AGT50G
- OCZSSD2-2AGTE60G
- OCZSSD2-2AGTE90G
- OCZSSD2-2AGT100G
- OCZSSD2-2AGTE180G
- OCZSSD2-2AGT200G
- OCZSSD2-2AGTE240G
- OCZSSD2-2AGT400G
- OCZSSD2-2AGTE480G

Physical Specifications	
Capacity:	40GB to 480GB
NAND Flash Components:	Multi-Level Cell (MLC) NAND Flash Memory
Interface:	SATA II / 3Gbps
Form Factor:	2.5" slim design form factor
Physical Dimensions:	99.8 (L) x 69.63 (W) x 9.3mm (H)

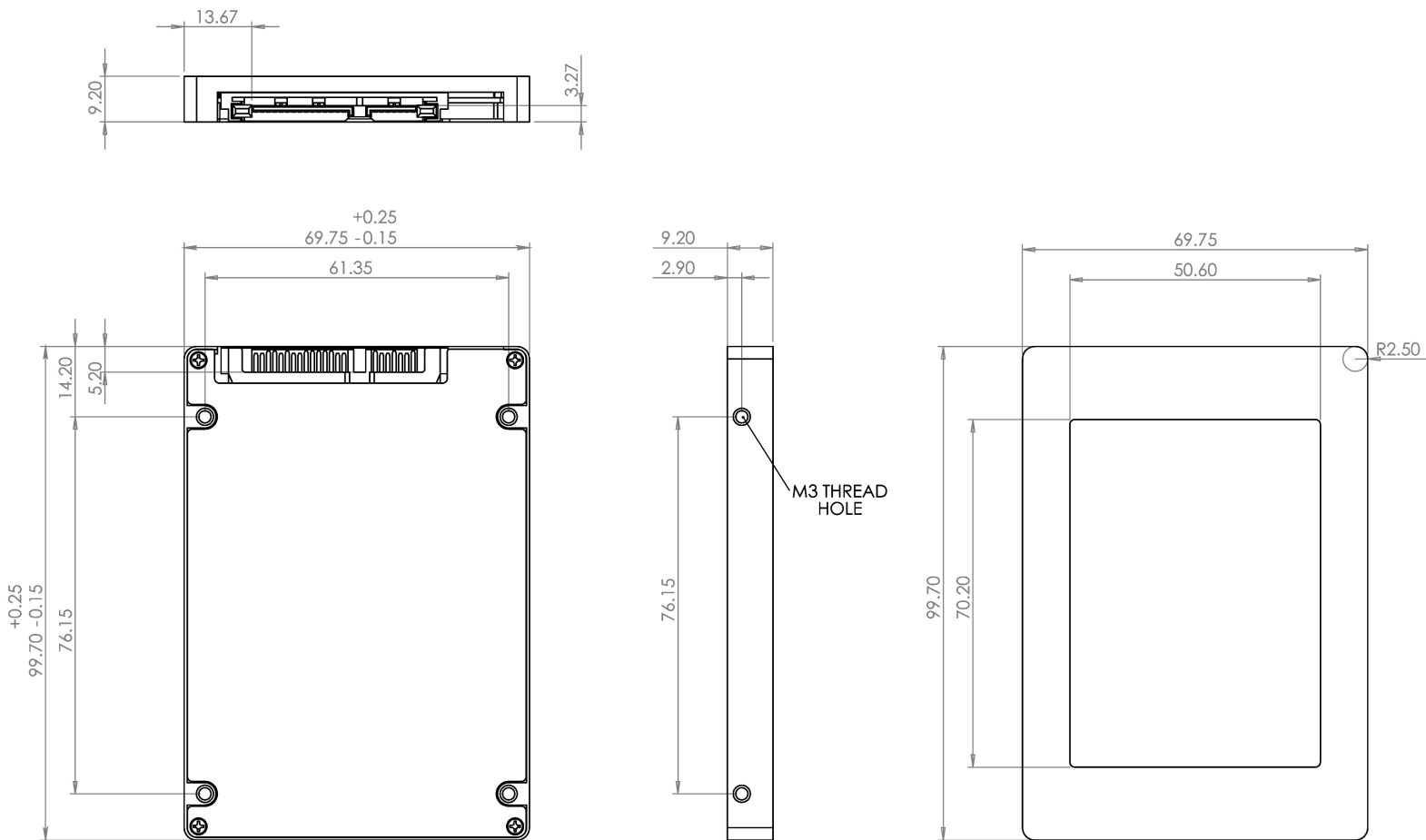
Reliability Specifications	
Life Expectancy:	2 million hours Mean Time Between Failure (MTBF)
Reliability:	ECC: 27 bytes of redundancy per 512 bytes data. Up to twelve 9-bit symbols correctable
Product Health Monitoring:	Self-Monitoring, Analysis and Reporting Technology

Environmental Specifications	
Operating Temperature:	0°C ~ +70°C
Storage Temperature:	-45°C ~ +85°C
Shock Resistance:	1500G
Certifications:	RoHS, CE, FCC

Performance	40GB	50GB-240GB	400GB-480GB
Max Read:	up to 280 MB/s	up to 285 MB/s	up to 250 MB/s
Max Write:	up to 270 MB/s	up to 275 MB/s	up to 240MB/s
Sustained Write:	up to 200 MB/s	up to 250 MB/s	up to 200 MB/s
4KB Random Write (Aligned):	10,000 IOPS	10,000 IOPS	10,000 IOPS
Seek Time:	0.1 ms	0.1 ms	0.1 ms
Power Consumption:	Idle: 0.5 Watts Active: 2 Watts	Idle: 0.5 Watts Active: 2 Watts	Idle: 0.5 Watts Active: 2 Watts
Performance Optimization:	TRIM (requires OS support)	TRIM (requires OS support)	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, Mac OSX
Power Requirements:	Standard SATA Power Connector

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