

Maxtor® Z1 SSD

Maxtor®

DATA SHEET

Reliable. Durable. Envious.

Maxtor Z1

The Maxtor® Z1 2.5-inch internal SSD provides up to 960 GB of storage to bring your desktop and laptop applications to life with faster system boots, loads and transfer times.



Best-Fit Applications

- Desktop systems
- Laptop systems

Key Advantages

Take your desktop or laptop to the next level with the performance you need at a fraction of the cost

Increased durability with robust shock and vibrational resistance (1500G/5ms)

3-year limited warranty and **1.2M-hr MTBF** for peace of mind

Upgrade lagging laptop and desktop systems with plug-and-play standard 2.5-inch SATA form factor

Improve existing system performance with high sequential read/write speeds (540 MB/sec and 475 MB/sec, respectively)

Power-efficient drive uses only up to 2.2W in active power

Be mobile longer with extended battery life in laptops and portable devices

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Specifications	960 GB	480 GB	240 GB
Standard Model	YA960VC10001	YA480VC10001	YA240VC10001
Interface ¹	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Form Factor	2.5 in × 7 mm	2.5 in × 7 mm	2.5 in × 7 mm
Performance			
Sequential Read (Max, MB/s), 128KB ²	540	540	540
Sequential Write (Max, MB/s), 128KB ²	475	465	425
Endurance/Reliability			
Total Bytes Written (TB)	360	180	90
Mean Time Between Failures (MTBF, hours)	1,200,000	1,200,000	1,200,000
Warranty, Limited (years)	3	3	3
Power Management			
Active Power, Average (W)	2.2	2.0	1.97
Slumber (mW)	16	16	16
Environmental			
Temperature, Operating Internal (°C)	0 to 70	0 to 70	0 to 70
Temperature, Non-operating (°C)	-40 to 85	-40 to 85	-40 to 85
Shock, Non-operating: 0.5 ms (Gs)	1,500	1,500	1,500
Special Features			
TRIM	Yes	Yes	Yes
S.M.A.R.T.	Yes	Yes	Yes
Halogen-free	Yes	Yes	Yes
RoHS compliance	Yes	Yes	Yes
Physical			
Height (mm/in)	7.00 mm/0.276 in	7.00 mm/0.276 in	7.00 mm/0.276 in
Width (mm/in)	69.85 mm/2.75in	69.85 mm/2.75 in	69.85 mm/2.75 in
Depth (mm/in)	100.20 mm/3.945 in	100.20 mm/3.945 in	100.20 mm/3.945 in
Weight (lb/g)	36 g/0.079 lb	36 g/0.079 lb	36 g/0.079 lb

¹ Backward compatible to SATA 3 Gb/s and SATA 1.5 Gb/s

² Fresh out of box (FOB) performance obtained on newly formatted drive. Performance may vary based on SSD's firmware version, system hardware, and configuration. Performance based on CrystalDiskMark v.5.0 x64 with SATA 6 Gbps host.

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Ordering Information			
Specifications			
Retail Packaging	Box Dimensions	Master Carton Dimensions	Pallet Dimensions
Depth/Length (in/mm)	0.944 in/24 mm	6.023 in/153 mm	47.244 in/1200 mm
Width (in/mm)	4.291 in/109 mm	11.496 in/292 mm	39.37 in/1000 mm
Height (in/mm)	6.102 in/155 mm	5.511 in/140 mm	51.968 in/1320 mm
Weight (lb/kg)	0.185 lb/0.084 kg	2.425 lb/1.1 kg	555.565 lb/252 kg
Quantities			
Boxes per Master Carton	10		
Master Cartons per Pallet	216		
Pallet Layers	9		
System Requirements		What's Included	

- SATA 6 Gb/s or SATA 3 Gb/s port
- Windows® 10, Windows 8.1 or Windows 7
- Linux
- Maxtor® Z1 SSD¹

Region	Model Number	Capacity	Limited Warranty (years)	UPC Code	EAN Code	Multi-Pack UPC
WW	YA240VC1A001	240GB	3	763649136560	8719706018685	10763649136567
WW	YA480VC1A001	480GB	3	763649136577	8719706018692	10763649136574
WW	YA960VC1A001	960GB	3	763649136584	8719706018708	10763649136581

¹ For more information, visit maxtor.com.

seagate.com

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