

# Maxtor® Z1 SSD

Maxtor®

DATA SHEET

Reliable. Durable. Enviable.

## Maxtor Z1

The Maxtor® Z1 2.5-inch internal SSD provides up to 960GB 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 (540MB/sec and 475MB/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

# Maxtor® Z1 SSD



Specifications	960GB	480GB	240GB
Standard Model	YA960VC10001	YA480VC10001	YA240VC10001
Interface <sup>1</sup>	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s
Form Factor	2.5 in x 7mm	2.5 in x 7mm	2.5 in x 7mm
<b>Performance</b>			
Sequential Read (Max, MB/s), 128KB <sup>2</sup>	540	540	540
Sequential Write (Max, MB/s), 128KB <sup>2</sup>	475	465	425
<b>Endurance/Reliability</b>			
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
<b>Power Management</b>			
Active Power, Average (W)	2.2	2.0	1.97
Slumber (mW)	16	16	16
<b>Environmental</b>			
Temperature, Operating Internal (°C)	0 to 70	0 to 70	0 to 70
Temperature, Nonoperating (°C)	-40 to 85	-40 to 85	-40 to 85
Shock, Nonoperating: 0.5ms (Gs)	1500	1500	1500
<b>Special Features</b>			
TRIM	Yes	Yes	Yes
S.M.A.R.T.	Yes	Yes	Yes
Halogen Free	Yes	Yes	Yes
RoHS Compliance	Yes	Yes	Yes
<b>Physical</b>			
Height (mm/in)	7.00mm/0.276in	7.00mm/0.276in	7.00mm/0.276in
Width (mm/in)	69.85mm/2.75in	69.85mm/2.75in	69.85mm/2.75in
Depth (mm/in)	100.20mm/3.945in	100.20mm/3.945in	100.20mm/3.945in
Weight (g/lb)	36g/0.079lb	36g/0.079lb	36g/0.079lb

<sup>1</sup> Backward compatible to SATA 3Gb/s and SATA 1.5Gb/s

<sup>2</sup> 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 6Gbps host.

# Maxtor® Z1 SSD



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

System Requirements	What's Included
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- SATA 6Gb/s or SATA 3Gb/s port
- Windows® 10, Windows 8.1 or Windows 7
- Linux
- Maxtor® Z1 SSD<sup>1</sup>

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

<sup>1</sup> For more information, visit [maxtor.com](http://maxtor.com).

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