

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

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Specifications	960GB	480GB	240GB
Standard Model	YA960VC10001	YA480VC10001	YA240VC10001
Interface ¹	SATA 6Gb/s	SATA 6Gb/s	SATA 6Gb/s
Form Factor	2.5 in × 7mm	2.5 in × 7mm	2.5 in × 7mm
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, Nonoperating (°C)	-40 to 85	-40 to 85	-40 to 85
Shock, Nonoperating: 0.5ms (Gs)	1500	1500	1500
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)	7.00mm/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

¹ Backward compatible to SATA 3Gb/s and SATA 1.5Gb/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 ×64 with SATA 6Gbps host.

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

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

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

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