

# 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 × 7mm     | 2.5 in × 7mm     | 2.5 in × 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 ×64 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 |
|---------------------|-----------------|
|---------------------|-----------------|

- 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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