



**SSD SAMSUNG**  
**Model name**  
**PM1653 7680**  
**GB SAS 2.5**  
**Write speed**  
**3700 MB/s Read**  
**speed 4200**  
**MB/s**  
**MZILG7T6HBLA-**  
**00A07**

Model: MZILG7T6HBLA-00A07

Manufacturer: SAMSUNG

Product Code: 40426

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**R85,948**

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**A landmark release  
for Enterprise SSDs**

**A Big Leap Forward for Enterprise Storage**

Access a whole new level of SSD performance. Now more than ever, enterprises require high-

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performance storage solutions that are capable of processing heavy workloads quickly and efficiently. Optimized with the latest 24G SAS interface and featuring dual ports for added stability, Samsung's PM1653 offers enterprises the performance they need to keep up with today's rapidly evolving data demands.

### **24G SAS: Class-Leading Performance**

The PM1653's 24G SAS support streamlines storage infrastructure by maximizing throughput. This is possible thanks to the addition of a cutting-edge Rhino controller that doubles the PM1653's bandwidth. This allows it to offer roughly twice the performance and more than double the random speeds of the previous generation.

### **Remarkably Reliable**

The stability to succeed. The PM1653's dual ports feature two pairs of signal pins that are connected to a separate storage system. Utilizing that system, it continuously performs service checks to ensure that if one port fails, the other is capable of maintaining stable service. Such reliability enhances TCO while also adding much-needed stability to mission-critical enterprise applications.

### **More Capacity, More Efficiency**

Featuring Samsung's latest sixth-generation, 128-layer V-NAND and a maximum capacity of 30.72TB, the PM1653 offers the capacity to keep up with the exponential growth of business data. Such large capacity significantly expands the amount of storage that can be used in the enterprise market.

Summary: Samsung PM1653. SSD capacity: 7.68 TB, SSD form factor: 2.5", Read speed: 4200 MB/s, Write speed: 3700 MB/s, Data transfer rate: 24 Gbit/s, Component for: Server/workstation | Vendor Homepage: <https://semiconductor.samsung.com/ssd/enterprise-ssd/pm1653/> | Component for: Server/workstation | Data transfer rate: 24 | Drive writes per day (DWPD): 1 | Interface: SAS | Memory type: V-NAND | NVMe: No | Random read (4KB): 770000 | Random write (4KB): 135000 | Read speed: 4200 | SSD capacity: 7680 | SSD form factor: 2.5" | Write speed: 3700 | Model: MZILG7T6HBLA-00A0 | Model name: PM1653 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.000105 | Unit Calculated Weight: 0.15

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