

## Seagate S-series Terascale ISE 4TB 3.5" Serial ATA III

**Brand :** Seagate

**Product family:** S-series

**Product code:** ST4000NC000

**Product name :** Terascale ISE  
4TB

Terascale ISE 4TB, 5900rpm, SATA 6Gb/s, 64MB

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### High-Capacity, Eco-Friendly, Cost-Effective Storage for Web-Scale Data Centers

- Affordable storage for 24x7 multi-drive replicated environments
- High vibration tolerance for reliable enterprise-class performance
- Low power and cooling costs with the lowest 3.5-inch enterprise drive operating power
- Advanced format logical block management for industry-leading data integrity
- 4TB per drive enables scalable high-capacity storage in 24x7 environments.
- Lower TCO with Seagate® Instant Secure Erase for simple drive repurposing or disposal
- SATA 6Gb/s interface optimizes burst performance.

Seagate S-series Terascale ISE 4TB. HDD size: 3.5", HDD capacity: 4 TB, HDD speed: 5900 RPM



| Features                          |                | Power                             |             |
|-----------------------------------|----------------|-----------------------------------|-------------|
| HDD size *                        | 3.5"           | Power consumption (idle)          | 4.59 W      |
| HDD capacity *                    | 4 TB           | Operating voltage                 | 5 / 12 V    |
| HDD speed *                       | 5900 RPM       | <b>Operational conditions</b>     |             |
| Interface *                       | Serial ATA III | Operating temperature (T-T)       | 5 - 60 °C   |
| Storage drive buffer size         | 64 MB          | Storage temperature (T-T)         | -40 - 70 °C |
| HDD number of heads               | 8              | Operating relative humidity (H-H) | 5 - 90%     |
| Read seek time                    | 12 ms          | Storage relative humidity (H-H)   | 5 - 95%     |
| Write seek time                   | 12 ms          | <b>Weight &amp; dimensions</b>    |             |
| Average seek time                 | 12 ms          | Width                             | 101.8 mm    |
| SMART technology                  | ✓              | Height                            | 26.1 mm     |
| Bytes per sector                  | 4096           | Depth                             | 147 mm      |
| Mean time between failures (MTBF) | 800000 h       | Weight                            | 606 g       |
| <b>Power</b>                      |                | <b>Other features</b>             |             |
| Power consumption (typical)       | 6.49 W         | Data transfer rate                | 6 Gbit/s    |
| Power consumption (standby)       | 0.77 W         |                                   |             |



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