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19 May 2017

Western Digital (WD) announced the HGST-branded Ultrastar SS300-- the highest-performing SAS SSD from the company, designed to meet the rigorous enterprise demands.

Co-developed with Intel, the Ultrastar SS300 delivers speeds of up to 400000 IOPS random read and up to 200000 IOPS random write. It offers a number of endurance classes, ranging from 0.5 to 10 drive writes per day, as well as a range of power settings. These include a 14W power envelope for additional performance gains and an ultra-low setting for more efficient energy consumption.

Security comes through a choice of options, namely Instant Secure Erase (ISE), Self-Encrypting Drive (SED)-compliant with TCG Enterprise and SED-compliant with TCG Enterprise with FIPS 140-2 certification.

“Today, we raise the bar with our newest 12Gb/s SAS SSD, the Ultrastar SS300,” WD says. “Built with high-endurance 3D NAND flash memory, the Ultrastar SS300 offers best-in-class speed, outstanding capacity and intelligent power options that enable customers to tailor storage systems and server solutions that are just right for their demanding needs.”

The Ultrastar SS300 is available now in the 2.5-inch form factor with capacities up to 7.68TB.

Go WD Ultrastar SS300 SAS SSD