

HGST Shps MegaScale DC HDD

Written by Marco Attard
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HGST starts shipping the 2nd generation of MegaScale drives-- the MegaScale DC 4000.B, a 3.5-inch 6Gb/s SATA HDD ideal for low-workload applications within hyperscale environments.



According to the company the drive balances the power, capacity, performance and reliability requirements for the bulk storage of unstructured or big data, disk-to-disk backup, online archives or long-term data retention.

CoolSpin performance allows the DC 4000.B to operate 24/7 within 180TB per year environments. It is rated at 800K MTBF, with 1 in 10¹⁴ non-recoverable bit error rate and 300K load/unload cycles.

Dual Stage Actuator (DSA) and Rotational Vibration Safeguard (RVS) technologies allow for more reliability in rack-mount drives and servers, while Advanced Power Management provides 5 power consumption levels-- normal idle, unload idle, low RPM idle, standby and sleep.

The MegaScale DC 4000.B is available in 4TB capacity with optional bulk data encryption (BDE) and improved secure erase technology for added security and easier HDD redeployment.

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