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Product Specification Sheet

HUSMR7696BDP3Y1

HGST Ultrastar SN200 960GB 2.5" NVMe Solid State Drive

Product Overview

HGST Ultrastar SN200 SSD - 960GB 2.5" NVMe (PCIe 3.0 x4 / 2x2 NVMe 1.2) SSD, Read Intensive, 1 DWPD, Read: Upto 3350MB/s, Write: Upto 2100MB/s, 15mm, IOPS (Upto): Random Read (max IOPS, 4KiB): 835,000 / Random Write (max IOPS, 4KiB): 75,000 / Mixed Random



Specifications

Overview:

HGST extends its technology leadership with the introduction of the Ultrastar® SN200 Series solid-state drives (SSDs). The Ultrastar SN200 Series SSDs deliver a new level of performance and capacity for Enterprise, Cloud and Hyperscale environments. Enabling faster intelligence in the expanding digital demands of business applications the Ultrastar SN200 Series SSDs are a reliable resource for fast access to critical data. The HGST Ultrastar SN200 Series SSDs double the speed of the previous generation within the same power envelope. By offering exceptional 580,000 mixed read/write random 70/30 4KiB I/O performance on the 6.4TB HH-HL add-in card (AIC), the Ultrastar SN200 Series SSD will enable OLTP applications to scale to new levels.

Specifications:

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Specifications	
Product Code	HUSMR7696BDP3Y1
General	
Interface	2x2 NVMe 1.2
Capacity (GB)	960GB
Form Factor	U.2 2.5-inch drive
Performance	

Sequential Read (max MB/s, 128KiB)	3, 350
Sequential Write (max MB/s, 128KiB)	2, 100
Random Read (max IOPS, 4KiB)	835, 000
Random Write (max IOPS, 4KiB)	75,000
Mixed Random Read/Write (max IOPS 70%R/30%W, 4KiB)	240,000
Latency	20us (Write, 512B)
Reliability	
Error Rate (non-recoverable, bits read)	< 1 in 1017
MTBF (M hours)	2M hours
Annual Failure Rate (AFR)	0.0044
Endurance	3, 1 (Drive writes per day)
Data Durability	3-month at 40 degreesC
Power	
Requirement	3.3V (aux) & 12V (DC +/- 5%)
Operating (W, typical)	25
Idle (W)	9
Physical Size	
Z-Height (mm)	15
Dimensions (width x depth, mm)	100.45 x 69.85
Weight, Without Bracket (g)	184 / NA
Environmental (operating)	
Ambient Temperature	N/A
Case Temperature	0 degreesC to 70 degreesC
Environmental	
Airflow (LFM)	N/A

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/HUSMR7696BDP3Y1-HGST-Ultrastar-SN200-960GB-2-5-NVMe-Solid-State-Drive-p-204648.php

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