



# Product Datasheet

960GB 2.5in Internal SATA SSD EQV to HPE 875474-B21



- **Product Code:** 875474-B21-OS
- **Product EAN:** 5056006166801
- **Warranty:** Advanced Replacement - 3 Years

Origin Storage Ltd manufactures a full range of Matched SSD Solutions for most major branded Servers, laptops and desktops, such as Dell, HP, Toshiba, and Lenovo. All of our Matched SSD Solutions come with up to 5 years advanced replacement warranty and also come with free pre and post sales technical support. We can supply replacements or upgrades in form factors of 2.5" or 3.5", M.2 & AIC with either SATA, SAS or PCIe interfaces respectively, available in a range of capacities and drive write endurances for laptop, desktop or Server. All our Matched SSD Solutions are just that, matched to the system you have for 100% compatibility, right first time, every time!

# Technical Specifications

## Weight & Dimensions

<b>Height:</b>	7 mm
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## Operational Conditions

<b>Operating Temperature (T-T):</b>	0 - 70 °C
<b>Storage Temperature (T-T):</b>	-40 - 85 °C
<b>Operating Vibration:</b>	2.17 G
<b>Non-operating Vibration:</b>	2.17 G
<b>Operating Shock:</b>	1500 G
<b>Non-operating Shock:</b>	1500 G

## Packaging Data

<b>Storage Drive Adapter Included:</b>	Yes
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## Other Features

<b>Compliance Certificates:</b>	RoHS
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## Features

<b>SSD Capacity:</b>	960 GB
<b>SSD Form Factor:</b>	2.5"
<b>Interface:</b>	Serial ATA
<b>NVMe:</b>	No
<b>Memory Type:</b>	3D TLC
<b>Component For:</b>	Server/workstation
<b>Hardware Encryption:</b>	No

<b>Data Transfer Rate:</b>	6 Gbit/s
<b>Read Speed:</b>	550 MB/s
<b>Write Speed:</b>	500 MB/s
<b>Random Read (4KB):</b>	95000 IOPS
<b>Random Write (4KB):</b>	25000 IOPS
<b>Seek Time:</b>	0 ms
<b>Read Latency:</b>	130 $\mu$ s
<b>Write Latency:</b>	40 $\mu$ s
<b>S.M.A.R.T. Support:</b>	Yes
<b>ECC:</b>	Yes
<b>Hot-swap:</b>	No

## Origin Storage Limited

2-4 Rutherford Centre, Rutherford Road, Basingstoke, Hampshire, RG24 8PB UK

**Tel:** [+44 \(0\)1256 351500](tel:+44(0)1256351500) | **E-Mail:** [sales@originstorage.com](mailto:sales@originstorage.com) | **Web:** [www.originstorage.com](http://www.originstorage.com)

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