

# Product Specification

## 500 GB P Series 5 SATA III 2.5" SSD



Choose the P Series 5 SSD to boost the performance of your existing hardware and extend its useful life. It will speed up your daily OS boot times and increase the speed of your applications, overall giving you the best experience of Solid State performance computing.

- 2.5-inch form factor with SATA III 6Gbps interface (backwards compatible with SATA 3Gbps and SATA 1.5Gbps)
- Performance: Faster boot than HDD, Faster access to applications, enhanced productivity and increased efficiency
- Fully compatible with devices and OS that support the SATA standard
- Non-volatile Flash Memory for outstanding data retention
- Ultra-efficient Block Management and Wear Levelling
- Supports S.M.A.R.T. - Self-Monitoring, Analysis and Reporting Technology
- 3 year warranty or TBW - whichever is earlier applies

|            |                 |
|------------|-----------------|
| <b>SKU</b> | INSSD500GS625P5 |
| <b>EAN</b> | 5055288444805   |

|                  | Width (mm) | Depth (mm) | Height (mm) | Weight (g) |
|------------------|------------|------------|-------------|------------|
| <b>Product</b>   | 69.8       | 100        | 7           | 50         |
| <b>Packaging</b> | 107        | 13         | 133         | 64         |

|   |             |
|---|-------------|
| <b>Capacity (GB)</b>                            | 500         |
| <b>Component for</b>                            | PC/Notebook |
| <b>Form factor</b>                              | 2.5"        |
| <b>ECC (Y/N)</b>                                | Y           |
| <b>Mean time between failures (MTBF) (hour)</b> | 2000000     |
| <b>TBW rating</b>                               | 200         |
| <b>Flash type</b>                               | 3D TLC      |
| <b>NVMe (Y/N)</b>                               | N           |
| <b>S.M.A.R.T. support (Y/N)</b>                 | Y           |
| <b>TRIM support (Y/N)</b>                       | Y           |
| <b>Data transfer rate (GB per second)</b>       | 6           |
| <b>Read speed (MB per second)</b>               | 560         |
| <b>Write speed (MB per second)</b>              | 540         |
| <b>Operating voltage (Volt)</b>                 | 5           |
| <b>Power consumption (read) (Watt)</b>          | 1.9         |
| <b>Power consumption (write) (Watt)</b>         | 2           |
| <b>Hardware encryption (Y/N)</b>                | N           |

|  |                |
|--|----------------|
| <b>Interface</b>                                     | Serial ATA III |
| <b>Operating temperature (T-T) (degrees Celcius)</b> | 0 - 70         |
| <b>Storage temperature (T-T) (degrees Celcius)</b>   | -40 - 85       |
| <b>Operating relative humidity (H-H) (percent)</b>   | 0 - 90         |
| <b>Sustainability certificates</b>                   | RoHS           |
| <b>Certification</b>                                 | CE, FCC, UKCA  |