

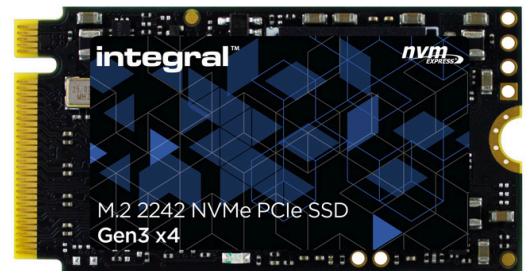
## 2 TB M.2 2242 NVMe SSD Gen3

The Integral Memory M.2 2242 NVMe Gen3 x4 PCIe SSD's compact 2242 form factor is intended to upgrade even the most space-constrained devices including PCs, NUCs, and ultra-thin tablets and laptops, achieving impressive read speeds of up to 3400MB/s, and write speeds reaching 3000MB/s. These newest NVMe Gen3 2242 SSDs dramatically reduce operating system boot times whilst the low power consumption helps extend battery life, making them the ideal solution for supercharging your work and home PCs and laptops. The 2242 Gen3 provides best-in-class performance as they feature the latest in error detection and correction and end-to-end data security.

**2400MB/s Read\***  
**2100MB/s Write\***

\* Based on internal testing; performance may vary depending on host device.

- M.2 2242 NVMe 1.3 PCIe Gen3 x4 SSD (PCI Express Gen3: Single port X4 lanes)
- Compact form factor compatible with PCs, NUCs, Ultra-thin laptops and tablets, including Acer, Alienware, Dell, HP and Lenovo
- Formidable 2400MB/s read and 2100MB/s write speeds for outstanding processing capabilities
- Size: 2242 (22x42mm)
- Easy to install and set-up - Double-Sided Chips
- Supports SMART and TRIM commands as well as HMB and AES 256
- Sophisticated error detection and correction (LDPC ECC) functions, data retention (JESD47 compliant), Dynamic and Static Wear-Levelling & Bad Block Management
- 5-year limited warranty or TBW - whichever is earlier applies



**PRODUCT SPECS:**

|   |   |
|---|---|
| <b>Capacity:</b>                                | 2 TB                                      |
| <b>Component For:</b>                           | PCs, NUCs, Ultra-thin laptops and tablets |
| <b>Form Factor:</b>                             | PCIe Gen3 x 4                             |
| <b>Mean time between failures (MTBF/ Hour):</b> | 1500000                                   |
| <b>TBW Rating:</b>                              | 1600                                      |
| <b>NVMe:</b>                                    | Y   |
| <b>S.M.A.R.T Support:</b>                       | Y   |
| <b>TRIM Support:</b>                            | Y   |
| <b>Read Speed:</b>                              | 2400MB/s                                  |
| <b>Write Speed:</b>                             | 2100MB/s                                  |
| <b>Operating Voltage:</b>                       | 3.4V                                      |
| <b>Power Consumption (Read)(Watt):</b>          | 3.75                                      |
| <b>Power Consumption (Write)(Watt):</b>         | 3.4                                       |
| <b>Hardware Encryption:</b>                     | N   |



**TECHNICAL SPECS:**

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Interface:</b>                   | PCIe Gen3x 4            |
| <b>Operating Temp:</b>              | 0° to 70°C              |
| <b>Storage Temp:</b>                | -45° to 85°C            |
| <b>Sustainability Certificates:</b> | RoHS                    |
| <b>Certification:</b>               | CE, UKCA, FCC, RoHS     |
| <b>Warranty:</b>                    | 5 Year Limited Warranty |

|      | <b>PART CODE</b> | <b>BARCODE (EAN)</b> |
|------|------------------|----------------------|
| 2 TB | INSSD2TM2242G3   | 5055288450028        |

|         | <b>DEPTH</b> | <b>WIDTH</b> | <b>HEIGHT</b> | <b>WEIGHT</b> |
|---------|--------------|--------------|---------------|---------------|
| PRODUCT | 0.8mm        | 22mm         | 42mm          | 3g            |
| PACKED  | 23mm         | 102mm        | 127mm         | 43g           |