

# Intel SSD 750 Series 1.2TB (SSDPEDMW012T4R5)

SSD 750 Series (1.2TB, 1/2 Height PCIe 3.0, 20nm, MLC)



## Price details:

Price excl. VAT: 991.97 €

Eco fees: 0.00 €

VAT 21 %: 208.31 €

## Product details:

Product code: SSDPEDMW012T4R5

EAN: 0735858289719

Manufacturer: Intel

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**1,200.28 €**

Product is discontinued. You can not order it anymore.

\* VAT included

## No-Compromise Storage Has Arrived

Experience the future of storage performance for desktop client and workstation users with the Intel® SSD 750 Series. The Intel SSD 750 Series delivers uncompromised performance by utilizing NVM Express over four lanes of PCIe 3.0.

With both Add-in Card and 2.5-inch form factors, the Intel SSD 750 Series eases migration from SATA to PCIe 3.0 without power or thermal limitations on performance. The SSD can now deliver the ultimate in performance in a variety of system form factors and configurations.

## Main specifications:

### Performance

|   |  |
|---|--|
| Solid-state drive capacity:                     | 1200 GB  |
| Solid-state drive interfaces:                   | PCI Express 3.0  |
| Read speed:                                     | 2400 MB/s  |
| Write speed:                                    | 1200 MB/s  |
| Memory type:                                    | MLC  |
| Lithography:                                    | 20 nm  |
| PCI Express interface data lanes:               | x4   |
| Random read (4KB):                              | 440000 IOPS  |
| Random write (4KB):                             | 290000 IOPS  |
| Latency (read):                                 | 20 µs  |
| Latency (write):                                | 20 µs  |
| Security algorithms:                            | N  |
| S.M.A.R.T support:                              | Y  |
| Enhanced Power Loss Data Protection technology: | Y  |
| Intel High Endurance Technology (HET):          | N  |
| SSD temperature monitoring:                     | Y  |
| End-to-End Data Protection:                     | Y  |
| Intel Smart Response Technology:                | N  |
| Intel Rapid Start Technology:                   | N  |
| Mean time between failures (MTBF):              | 1200000 h  |
| Windows operating systems supported:            | Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64 |
| Linux operating systems supported:              | Y  |

### Design

|                                      |  |
|--------------------------------------|--|
| Internal:                            | Y  |
| Colour of product:                   | Silver   |
| RoHS compliance:                     | Y  |
| Certification:                       | UL, CE, C-Tick, BSMI, KCC, Microsoft WHQL, VCCI              |
| <b>Power</b>                         |  |
| Power consumption (standby):         | 4 W  |
| Power consumption (read):            | 10 W   |
| Power consumption (write):           | 22 W   |
| <b>Operational conditions</b>        |  |
| Operating temperature (T-T):         | 0 - 55 °C  |
| Storage temperature (T-T):           | -55 - 95 °C  |
| Operating shock:                     | 50 G   |
| Non-operating shock:                 | 50 G   |
| Operating vibration:                 | 3.13 G   |
| Non-operating vibration:             | 2.17 G   |
| Maximum operating altitude:          | 3048 m   |
| Maximum non-operating altitude:      | 12192 m  |
| <b>Technical details</b>             |  |
| Form factor:                         | HHHL (CEM2.0)  |
| <b>Weight &amp; dimensions</b>       |  |
| Width:                               | 68.9 mm  |
| Depth:                               | 168 mm   |
| Height:                              | 18.74 mm   |
| Weight:                              | 195 g  |
| <b>Packaging data</b>                |  |
| Bundled software:                    | Intel Solid-State Drive ToolboxIntel Data Migration Software |
| Package type:                        | Box  |
| <b>Other features</b>                |  |
| Uncorrectable Bit Error Rate (UBER): |  |
| Power consumption (active):          | 22 W   |

\*PLEASE NOTE: Every effort has been made to ensure the accuracy of all information contained herein. Lasystems makes no warranty expressed or implied with respect to accuracy of the information, including price, editorials or specifications. Lasystems or its suppliers shall not be liable for incidental, consequential or special damages arising from, or as a result of, any electronic transmission or the accuracy of the information contained herein, even if Lasystems has been advised of the possibility of such damages. Product and manufacturer names are used only for the purpose of identification.