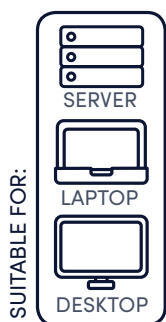# ortial®

# NVMe
## ON-750

**designed to perform.**

| 5 YEAR WARRANTY | HIGH PERFORMACE | PROVEN RELIABILITY | OEM COMPATIBLE |

The ON-750 is designed to deliver optimal performance and increased storage density, accelerated with the latest PCIe technology. Offering enhanced reliability and endurance for read-intensive workloads.

NVMe is a key component in any datacentre or desktop environment, instantly upgrading servers and high-spec desktop and laptops.

**ortial.com**

# TECHNICAL SPECIFCATIONS

## ORTIAL NVMe M.2 SSD ON-750

| USAGE APPLICATION | COMPUTER, LAPTOP, SERVER | | | | |
|---|---|---|---|---|---|
| INTERFACE | PCIe GEN 3x4 | | | | |
| HARDWARE INFORMATION | CAPACITY | 128GB | 256GB | 512GB | 1TB |
| | CONTROLLER | SMI SILICON MOTION | | | |
| | MEDIA FLASH TYPE | TLC | | | |
| | DIMENSIONS | 80 x 22 x 2.2 (mm) | | | |
| | WEIGHT | 7g | | | |
| | FORM FACTOR | M.2 2280 | | | |
| PERFORMANCE (UP TO.) | SEQUENTIAL READ | 2044 MB/s | | | |
| | SEQUENTIAL WRITE | 1685 MB/s | | | |
| | IOPS READ | 170,000 | | | |
| | IOPS WRITE | 150,000 | | | |
| RELIABILITY | TEMP. | RELIABILITY | 0°C to 70°C | | |
| | | STORAGE | –40°C to 85°C | | |
| | SHOCK | VIBRATION | 16G | | |
| | HUMIDITY | | 5-98% RH | | |
| | LIFE EXPECTANCY (MTBF) | | 1 million hours | | |
| WARRANTY | PERIOD | 5 years, limited | | | |
| | TBW | 25TB | 50TB | 100TB | 200TB |

# PRODUCT RANGE

| PART NUMBER | CAPACITY | EAN |
|---|---|---|
| ON-750-128 | 128GB | 5060634256117 |
| ON-750-256 | 256GB | 5060634256124 |
| ON-750-512 | 512GB | 5060634256131 |
| ON-750-1TB | 1TB | 5060634256148 |

Ortial's globally supported SSDs are 100% compatible for use with all the leading brands of laptops, desktops and servers. Each upgrade is designed and produced to the exact specification of the OEM to ensure compatibility. All Ortial products undergo a rigorous quality testing process, carried out by experienced engineers, so you can be certain of optimal reliability and performance at all times.

All Ortial components are compliant with EU Restriction of Hazardous Substances (RoHS).

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