Oncilla

Blazing Fast PCIe Gen 4.0 M.2 2280

Unigen Oncilla SSDs offer blazing speed with next-level high endurance 3D eTLC NAND (480GB – 3.84TB) and a PCIe® Gen4.0, NVMe™ 1.4 controller that unlocks sequential read/write speeds of up to 7400/6700 MB/s in a space efficient design. With a 5-year warranty and up to 2400TBW Endurance for the 3.84TB design, these SSD's are built to last and offer plenty of space for your applications and data.

Ultimate Performance for Video Editing and processing massive files for Professional Workstations

Capable of 7400MB/s Sequential Read performance, the Oncilla is perfect for application from Workstation Media Applications where transferring large video files needs to be as fast as possible to processing large datasets during VFX (Visual Effects) and Post Processing operations for Hollywood.

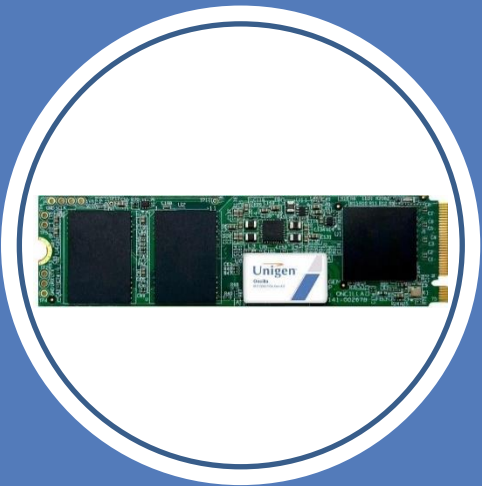### Oncilla provides up to 2400TBW of Endurance over a 5-year warranty

The Oncilla Series of Solid State Drives use high-quality SSD Controllers and eTLC NAND that can withstand the test of time and usage. They undergo a rigorous verification and testing process to ensure reliability. If that wasn't enough, they come backed by a 5-year warranty or up to a massive 2400 TBW (TeraBytes Written)

Fast Boot and Computation

Oncilla's capabilities are also the same qualities required for high performance boot and application drives in Data Center applications with optional features such as industrial temperatures and higher endurance NAND which are available.

Capacity 480GB, 960GB, 1.92TB and 3.84TB

The Oncilla goes all the way up to a massive 3.84TB of capacity to hold all of your Applications, Data, Images, Videos and your most important information. This is big enough to hold over 800 DVD's or 200 of the top-rated games ever played. This type of capacity was previously reserved only for the most expensive workstations and is now available for your personal home computer.

SPECIFICATIONS

	480GB	960GB	1.92TB	3.84TB
Interface	PCIe Gen 4.0	PCIe Gen 4.0	PCIe Gen 4.0	PCIe Gen 4.0
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Sequential Reads (Seq 128K) in MB/s	7300	7400	7400	7400
Sequential Writes (Seq 128K) in MB/s	3800	4900	6700	6700
4K Random Read (IOPS)	455000	688000	757000	757000
4K Random Write (IOPS)	598000	702000	685000	685000
Endurance				
Endurance (TBW)	300	600	1200	2400
Warranty (years)	5	5	5	5
Reliability and Environmental				
Mean Time Between Failure (MTBF in hrs)	2.5 million	2.5 million	2.5 million	2.5 million
Uncorrectable Bit Error Rate (UBER)	10^{-16}	10^{-16}	10^{-16}	10^{-16}
Temperature (Operating)	0 to 70 C	0 to 70 C	0 to 70 C	0 to 70 C

ORDERING INFORMATION

Type	Part Number	Capacity
M.2 2280	UBPAI03480HCNT1-HMX1-UGN	480GB
	UBPAI03960HCNT1-IMX1-UGN	960GB
	UBPAI0301T9CNT1-JMX1-UGN	1.92TB
	UBPAI0303T8CNT1-KMX1-UGN	3.84TB