Pampas

Gen4 NVMe M.2 2280

The Unigen Pampas SSD offers amazing speed with next-level 3D TLC NAND (500GB - 2000GB) and a PCIe® Gen4.0 NVMe™ 1.4 controller that provides 10X the performance of SATA SSDs. All in a space efficient, single-sided, DRAM-less design. With up to 1200TBW endurance for the 2TB design, these SSDs are built to last and offer plenty of space for your applications and data.

Capacity 500GB, 1TB and 2TB

The Pampas goes all the way up to a massive 2TB of capacity to hold all of your applications, data, images, videos and your most important information. This is big enough to hold over 400 DVD's or 100 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.

Fast Performance for an All-Purpose drive for home, gaming and business PC's

Pampas features performance that will ensure your drive is the fastest component in your PC. With sequential read and write speeds respectively of 5000MB/s and 4800MB/s, these drives can read and write faster than the gigabit internet speeds available from fiber networks. When transferring large files or loading 100GB MMORPG games, these SSDs can handle these workloads with ease.

The 2TB provides 1200TBW of Endurance

The Pampas Series of Solid State Drives use high-quality SSD Controllers and NAND that can withstand the test of time and usage. They undergo a rigorous verification and testing process to ensure reliability.

Space Saving & Cool

Designed in a space-saving single-sided M.2 2280 PCB for the slimmest profile available, Pampas is perfect for fitting into the tightest spots in desktop and notebook personal computers. The energy efficient controller and NAND allow for running without a heat sink, keeping it both cool running and cool looking with the sleek black color of the board. All Unigen SSDs undergo a rigorous verification and testing process to ensure long-term reliability.

PRODUCT SPECIFICATIONS

	500GB	1TB	2TB
Interface	PCIe Gen 4.0	PCIe Gen 4.0	PCIe Gen 4.0
Form Factor	M.2 2280 Single Sided	M.2 2280 Single Sided	M.2 2280 Single Sided
Capacity			
Total Capacity	500GB	1TB	2TB
Performance			
Sequential Reads (Seq 128K) in MB/s	5100	5100	5000
Sequential Writes (Seq 128K) in MB/s	4800	4800	4800
Random Reads (RND4K Q32/T166)	780K	780K	610K
Random Writes (RND4K Q32/T1)	790K	780K	720K
Endurance			
Endurance (TBW)	300	600	1200
Reliability and Environmental			
Mean Time Between Failure (MTBF in hrs)	2.5 million	2.5 million	2.5 million
Uncorrectable Bit Error Rate (UBER)	10^{-16}	10^{-16}	10^{-16}
Temperature (Operating)	0 to 70 C	0 to 70 C	0 to 70 C

ORDERING INFORMATION

Type	Part Number	Capacity
M.2 2280 PCIe Gen4x4	UBPKI04500HCNT1-IHV-UGN	500GB
	UBPKI0401T0CNT1-JHV-UGN	1TB
	UBPKI04500HCNT1-IHV-UGN	2TB