



EDGE GEN5 M.2 2280 NVME SOLID STATE DRIVE WITHOUT HEATSINK

Experience next-generation speed with Integral Edge Gen 5 M.2 2280 PCIe NVMe SSD, powered by the Phison E31 controller.

10300MB/s Read*
8600MB/s Write*

Delivering read speeds of up to 10,300 MB/s and write speeds up to 8,600 MB/s, it provides instant access to games, apps and large files. With around 45% higher bandwidth than Gen 4 and up to 1.5M IOPS, it ensures fast load times and smooth performance for gaming, content creation and demanding workloads. Built with 1200 TBW endurance and an ultra-efficient 6 W active power design, it stays cool while delivering reliable, long-term performance across modern AMD and Intel platforms.

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

Component For:	PC
Form Factor:	M.2 2280
Mean time between failures (MTBF/ Hour):	1 500 000
NVMe:	Y
Heatsink:	N
DevSlp (device sleep) support (Y/N)	Y
S.M.A.R.T Support:	Y
TRIM Support:	Y
Operating Voltage:	3.47V
Power Consumption (Read)(Watt):	6.1W
Power Consumption (Write)(Watt):	6.1W
Hardware Encryption:	No



Capacity	Read	Write	IOPS Read	IOPS Write	TBW	PART CODE	BARCODE (EAN)
1TB	10200 MB/s	8300 MB/s	1300K	1500K	600	INSSD1TM2280G5EDGEX	5055288452428
2TB	10300 MB/s	8600 MB/s	1300K	1500K	1200	INSSD2TM2280G5EDGEX	5055288452435

TECHNICAL SPECS:

Protection Features: Support SMART & TRIM commands
Interface: PCIe Gen5 x 4
Operating temperature (T-T) (degrees Celsius): 0°C - 70°C
Storage temperature (T-T) (degrees Celsius): -40°C - 85°C
Operating relative humidity (H-H) (Percent): 93% RH
Sustainability Certificates: RoHS compliant
Certification: CE, FCC, UKCA

	HEIGHT	WIDTH	DEPTH	WEIGHT
Product	80mm	22mm	38mm	10g
Packed	160mm	105mm	25mm	29g

Power For Every Challenge



Professional Level Gaming



AI & Professional Workloads



Video Editing & Creative Workflows