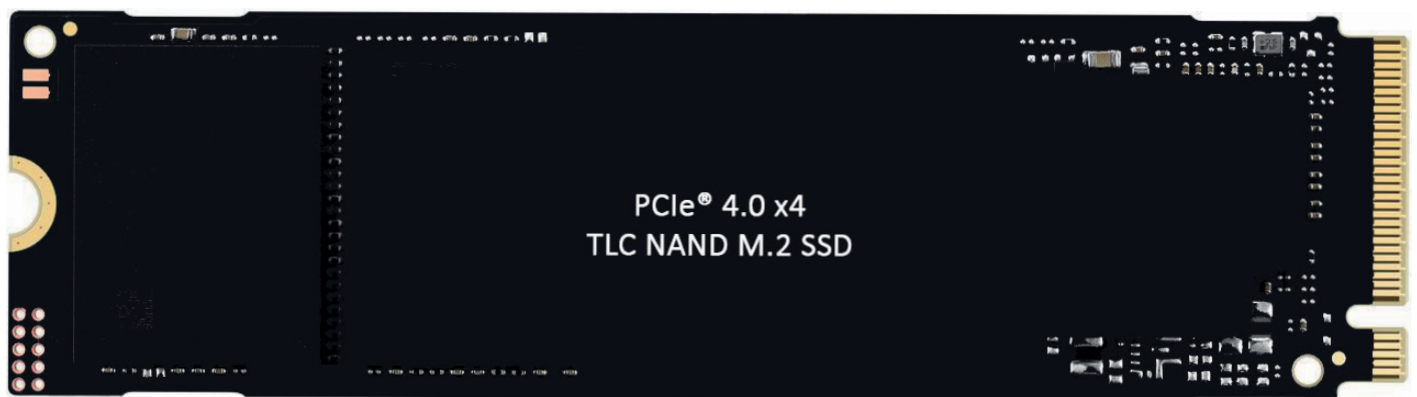




SSD

PCIe® 4.0 x4 NVMe™ M.2
with 3D TLC NAND FLASH



FEATURES

Power your intense creative workloads with NVMe™.

Valuable Gen4 performance is here. PCIe® Gen 4.0 x4 3D TLC M.2 delivering impressive speed with sequential reads/writes up to 4900/4200 MB/s

SPECIFICATIONS

SUMMARY	Interface	PCIe Gen 4.0 x4 3D TLC M.2		
CONNECTOR TYPE		75 PIN M.2		
PART NUMBER		164587	232595	232596
CHARACTERISTIC	Capacity	500GB	1TB	2TB
	Sequence read (MB/s)	4900		
	Sequence write (MB/s)	4200	4200	4200
	Random 4K QD32 Read (IOPS)	200K	200K	220K
	Random 4K QD32 Write (IOPS)	160K	170K	200K
STORAGE MEDIUM	3D TLC NAND			
ELECTRICAL SPECIFICATIONS	Input voltage	3.3V ±5%		
	Power consumption Read	Max 6.3 W		
	Power consumption Write	Max 6.3 W		
	Average Idle Power	<1.2W		
RELIABILITY	MTBF (hours)	1,500,000		
	Endurance (TBW)	325	650	1300
TEMPERATURE RANGE	Operating temperature		0° to 70° C	
	Storage temperature	Minus 40° to plus 85° C		
MECHANICAL CHARACTERISTICS	Height	3.13 mm max		
	Width	22mm ±0.15mm		
	Length	80mm ±0.15mm		
	Weight	9 Gr (max)		