LEVEL UP YOUR EVERYDAY PERFORMANCE

TITANIUM MICRO

PALLADIUM PD560

	Product	TMNSSDT-PD560-500GB	TMNSSDT-PD560-1TB	TMNSSDT-PD560-2TB
Features	Capacity	500GB	1TB	2TB
	UPC	850028113257	850028113264	850028113271
	Nand	3D TLC		
	Controller	Silicon Motion SM2259XT	Silicon Motion SM2259XT	Silicon Motion SM2259
	Interface	SATA III / 6Gbps (backwards compatible with SATA II / 3Gbps)		
	Monitoring	S.M.A.R.T, SLC caching, DEVSLP, secure erase, TRIM		
	Certifications	FCC, CE, RoHS		
Performance	Sequential Read	560 MB/s	560 MB/s	560 MB/s
	Sequential Write	510 MB/s	515 MB/s	505 MB/s
	Random 4K Read	Up to 75,000	Up to 75,000	Up to 74,000
	Random 4K Write	Up to 75,000	Up to 75,000	Up to 67,000
	Power Consumption	Up to 0.08W (Idle)	2W(Active)	Up to 0.08W (Idle)	2W(Active)	Up to 0.08W (Idle)	2W(Active)
	Power Supply	5V DC		
Physical	Form Factor	2.5"		
	Dimensions	7x69.85x100.45mm		
	Weight	50g		
Temp	Operating Temperature	0°C-70°C		
	Non-Operating Temp.	-40°C-85°C		
Reliability	MTBF	1,500,000 hours		
	TBW	300TB	600TB	600TB
	Shock Resistant	1500G		
	Data Correction	Built-in LDPC ECC provides the most-powerful data correction level in use today		
	Warranty	7-year warranty		

4 – M3x0.5-6H
Mounting Holes
MIN Full Thread 3 mm

69.85 mm.
61.72 mm.
76.6 mm.
14 mm.
100.5 mm.

4 – M3x0.5-6H
Mounting Holes
MIN Full Thread 3 mm

7 mm.
3 mm.
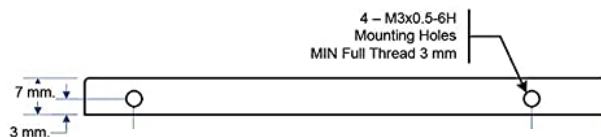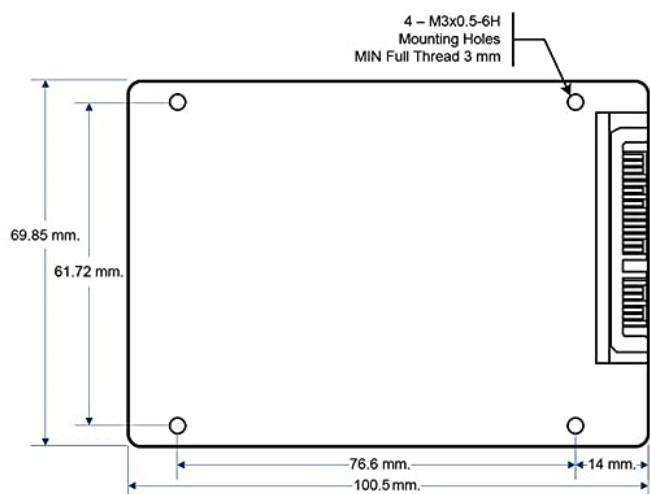
1GB = 1,000,000,000 bytes, 1MB = 1,000,000 bytes
Specifications are subject to change without notice

www.titaniummicro.com