

DIGISTOR®

Enterprise PCIe 5.0 E3.S SSD FIPS 140-3 (In Process)

Interface: PCIe Gen 5 x4

Compliance: NVMe 2.0

Metric	1.92TB	3.84TB	7.68TB	15.36TB	Notes
SEQUENTIAL (Sustained)					
Sequential Read (MB/s)	14,000	14,000	14,000	14,000	
Sequential Write (MB/s)	4,200	8,500	8,500	8,400	
RANDOM (Sustained)					
Random Read (IOPS)	2,350,000	3,300,000	3,200,000	2,600,000	
Random Write (IOPS)	140,000	320,000	460,000	420,000	
LATENCY (Sustained)					
Read Latency (µs)	60	60	60	60	
Write Latency (µs)	9	9	9	9	
THERMAL / TEMP					
Op Temp Range (C)	0°C to 70°C				
Storage Temp Range (C)	-40°C to 85°C				
POWER					
Active Read (Max. W)	16	18	20	22	
Active Write (Max. W)	16	22	25	25	
Idle (W)	5	5	5	5	
ENDURANCE / RELIABILITY					
UBER	3D NAND <1 sector per 10 ¹⁸ bits read				
TBW (Terabytes Written)	3,504	7,008	14,016	28,038	
MTBF (hours)	2.5 Million				
DWPD	1				

Part Numbers

DIG-P5E3SG09-1T9 LG	1.92 TB
DIG-P5E3SG09-3T8 LG	3.84 TB
DIG-P5E3SG09-7T6 LG	7.68 TB
DIG-P5E3SG09-15T LG	15.36 TB

Features

TCG Opal support, Encryption details (AES 256 bit)

TAA Compliant

Dimensions

112.75(L)x76(W)x7.45(H) mm³

Certifications

Crypto Erase support via PSID

Pending Validations/Certifications: FIPS 140-3 Level 2, Common Criteria (CC), NIAP, CSfC

Technical Support

Your investment in DigiStor products is backed by our free technical support for the lifetime of the product. If you need to contact us for any reason, visit digistor.com/support

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