



E3.S PCIe Gen 5 x4 Enterprise SSD, 7.68TB

Reliable and blazing fast Enterprise SSD for tactical edge servers

Features

Capacity: 7.68TB

Form Factor: E3.S

PCIe Interface: PCIe Gen 5 x4

PCIe Gen 5x4 lane & backward compatible to PCIe Gen 4, Gen 3, Gen 2, and Gen 1

Advanced Airflow Profile (see chart for details, page 2)

Single Port

Compliance

TAA Compliant

NVMe Express 2.0

PCI Express Base 5.0

RoHS Compliant

Sustained Performance

Sequential Read: up to 14,000 MB/s

Sequential Write: up to 8500 MB/s

Random Read: up to 3,050,000 IOPS

Random Write: up to 480,000 IOPS

Reliability

Mean Time Between Failure (MTBF): < 2.5 million hours

Uncorrectable Bit Error Rate (UBER): < 1 sector per 10^{18} bits read

Drive Write Per Day: 1 DWPD

Power Consumption

Active Write (Max.): < 25 W

Active Read (Max.): < 25 W

Idle: < 5 W

Temperature Range

Operation: 0°C ~ 70°C

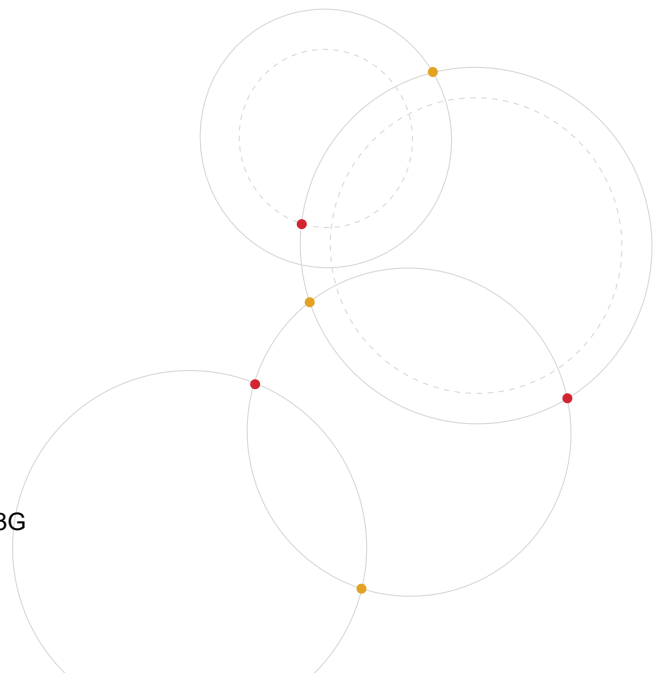
Storage: -40°C ~ 85°C

Environment Specifications

Commercial grade temperature & humidity test

Shock: 1000G/0.5ms

Vibration: 7Hz~800Hz/2.17 GRMS 10Hz~2000Hz/16.3 GRMS 2-5 - 500Hz/.4G/3G



Part Number

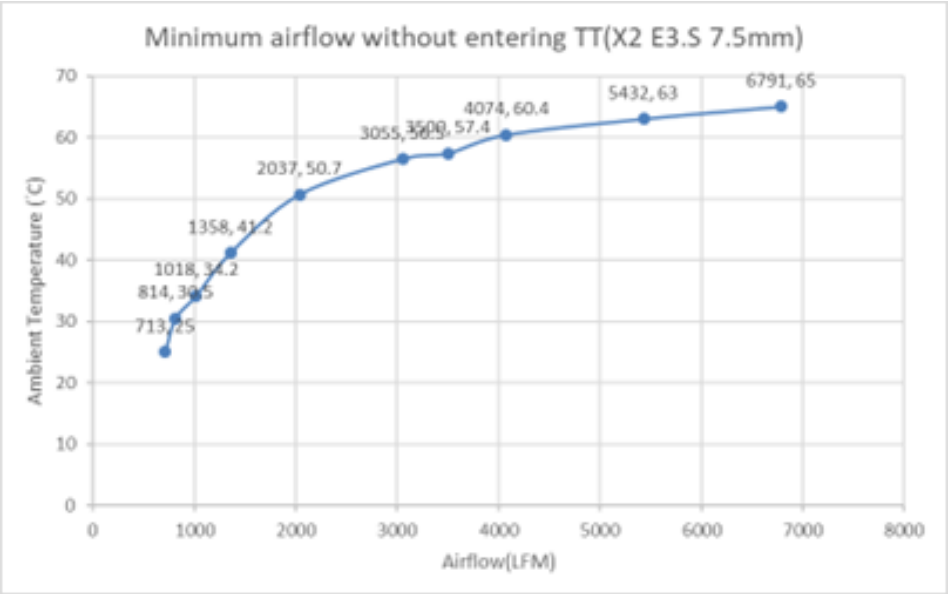
DIG-P5E3SG35-07680 L*

Specifications

Feature	Specification
Part Number	DIG-P5E3SG35-07680 L*
Product Name	E3.S PCIe Gen 5 x4 NVMe Enterprise SSD, 7.68TB
Technical Support	Your investment in DIGISTOR products is backed up by our free technical support for the lifetime of the product. If you need to contact us for any reason, visit digistor.com/support .

*Subject to Change

Airflow Profile Chart



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