ADVANCED EDGE SSDS

POWERING NEXT-GEN COMPUTING

Edge servers put substantial demands on SSDs, sitting between the cloud and edge devices to process and store data where it's generated. This placement allows for improved data control, reduced costs, faster insights, and uninterrupted operations. To keep pace with these challenging environments, SSDs for edge servers require specialized features. Innodisk's edge-optimized SSDs integrate key technologies from both industrial and server SSDs, specially fine-tuned for the unique requirements of edge server applications.

HIGH-PERFORMANCE SOLUTIONS FOR EDGE COMPUTING

A perfect combination of the features and advantages of industrial and server SSDs. Available in 2.5", M.2 (P80), M.2 (P110), E1.S, and U.2 form factors for edge servers requiring unique features to keep pace in challenging environments.

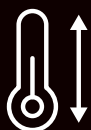**High Input / Output Operations Per Second (IOPS)**

High Reliability

High Drive Writes Per Day (DWPD)

Low Latency

Standard and Wide Temperature

Thermal Management

High Security

Customization

EDGE-OPTIMIZED SSD SERIES

Model	3TS9-P	4TS2-P
Form Factor	2.5" SSD M.2 S80	U.2 SSD M.2 P80 / M.2 P110 E1.S 9.5mm / 15mm E3.S 7.5mm (upcoming)
Interface	SATA III 6.0Gb/s	PCIe Gen4 x4
Flash Type	3D TLC	
Capacity	2.5" SSD: 200GB ~ 7.6TB M.2: 200GB ~ 3.8TB	U.2: 200GB ~ 12.8TB M.2: 200GB ~ 3.8TB E1.S: 200GB ~ 6.4TB E3.S: 400GB ~ 12.8TB
Max. Power Consumption	5.5W (Max.)	13.3W (Max.)
Sequential R/W (MB/sec, max.)	550/520	U.2 / M.2 / E1.S: 7000/6000 E3.S: 5050/4750
Thermal Sensor	V	
External DRAM Buffer	V	
S.M.A.R.T.	V	
DWPD[1]	1	
Warranty	5 Years	
Operation Temperature	Standard Temp. (0°C to 70°C) / Wide Temp.[2] (-40°C to 85°C)	
Features	PLP (iCell)* / AES* / TCG Opal* / E2E Data protection/thermal management	

1. DWPD: based on JESD219 Enterprise Endurance Workload with 5-year warranty.
2. Industrial TLC only
*: Optional features

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