

The Best Enterprise Grade SSD for Data Center

J Series

Gen4

8TB



NVMe U.2

NVMe E1.S



Performance

PCI Express Gen 4 x 4
NVMe1.4a

Sequential Access Read : 6,600 MiB/s Write : 4,000 MiB/s

Random Access Read : 1350K IOPS Write : 190K IOPS *U.2 8TB



Features

AES 256-BIT User Data Encryption

Secure Boot

Dynamic Internal RAID



Reliability

Power Loss Protection

DWPD 1(5 Years)

MTBF 2M hours



Security

TCG OPAL 2.0

FIPS 140-3 *If required

Trusted Boundary



OPEN
Compute Project®

J Series for Edge Data Center

	Your Requirements	Our Solutions
Cloud Layer 	Mixed Use · Stable Sequential Read & Write Speeds · Higher Random Read & Write Speeds for Higher Data Processing · Data Availability	J Series NVMe U.2 NVMe E1.S
Edge/Fog Layer 	Mixed Use/Write Intensive · Stable Sequential Read & Write Speeds · Higher Random Read & Write Speeds for Higher Data Processing · Lower Latency · Larger Capacity	HR Series NVMe U.2 NVMe M.2 2280 NVMe E1.S SATA 6.0 2.5inch
Device Layer 	Read Intensive · Stable Read & Write Speeds for 24/7 Operation · Robustness Under Power-Loss · Environmental Resistance	H Series NVMe M.2 2280 SATA 6.0 CFast SATA 6.0 2.5inch SATA 6.0 mSATA SATA 6.0 M.2 2242/2280

Roadmap

PCIe Gen4

		2023				2024				2025				2026			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
U.2	1920~7680GB	[Product Availability]								New Generation							
E1.S	1920~7680GB	[Product Availability]								New Generation							

PCIe Gen5

		2023				2024				2025				2026			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
E1.S	1920~7680GB	[Product Availability]				[Product Availability]				[Product Availability]				[Product Availability]			
E3.S	1920~7680GB	[Product Availability]				[Product Availability]				[Product Availability]				[Product Availability]			
U.2	1920~7680GB	[Product Availability]				[Product Availability]				[Product Availability]				[Product Availability]			

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HSXS22065-A01

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