

Large Capacity SSD With Fast I/F

Hagiwara's NVMe F Series

AES 256-bit

TCG Opal

Sanitize Block Erase

Sanitize Overwrite

Sanitize Crypto Scramble

1TB, 2TB, 4TB and 8TB

C-Temp & I-Temp

The image displays two Hagiwara NVMe F Series SSDs: a smaller M.2 form factor drive on the left and a larger 2.5-inch SATA form factor drive on the right. The drives are set against a background of blue light trails. A list of security features is shown in glowing blue boxes on the left, and the capacity options and temperature ratings are highlighted in the center and bottom right.

Applications



Broadcasting Systems



Flight Recorders



Medical Equipment



Automotive Data Loggers



AI Edge Computing



Industrial Manufacturing Equipment

Specifications & PN

Form Factor		M.2 2280		U.2	
		C-Temp	I-Temp	C-Temp	I-Temp
Interface		PCIe Gen4 x4 NVMe 1.4		PCIe Gen4 x4 NVMe 1.4	
NAND		3D TLC		3D TLC	
Capacity		960 to 7,680GB		960 to 7,680GB	
Operating Temperature		0 to 70°C	-45 to 85°C	0 to 70°C	-45 to 85°C
Performance <small>*Largest Capacity</small>	Sequential Read	3,500 MB/sec		3,500 MB/sec	
	Sequential Write	3,000 MB/sec		3,000 MB/sec	
	Random Read(4KB)	600,000 IOPS		600,000 IOPS	
	Random Write(4KB)	450,000 IOPS		450,000 IOPS	
Power Consumption <small>*Largest Capacity</small>	Active (average)	< 7.5W		< 7.5W	
	Idle	< 1.0W		< 1.0W	
P/E cycles		3,000		3,000	
TBW		4,850 TB		4,850 TB	
MTBF		2,000,000 hours		2,000,000 hours	

Form Factor	Capacity	Part Number	
		C-Temp	I-Temp
M.2 2280	960GB	FSN8E-960GW00CN	FSN8E-960GW00CI
	1,920GB	FSN8E-1920W00CN	FSN8E-1920W00CI
	3,840GB	FSN8E-3840W00CN	FSN8E-3840W00CI
	7,680GB	FSN8E-7680W00CN	FSN8E-7680W00CI
M.2 2280 With Heatsink	960GB	FSN8E-960GW00CN-HTS	FSN8E-960GW00CI-HTS
	1,920GB	FSN8E-1920W00CN-HTS	FSN8E-1920W00CI-HTS
	3,840GB	FSN8E-3840W00CN-HTS	FSN8E-3840W00CI-HTS
	7,680GB	FSN8E-7680W00CN-HTS	FSN8E-7680W00CI-HTS
U.2	960GB	FSN2E-960GW00CN	FSN2E-960GW00CI
	1,920GB	FSN2E-1920W00CN	FSN2E-1920W00CI
	3,840GB	FSN2E-3840W00CN	FSN2E-3840W00CI
	7,680GB	FSN2E-7680W00CN	FSN2E-7680W00CI



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