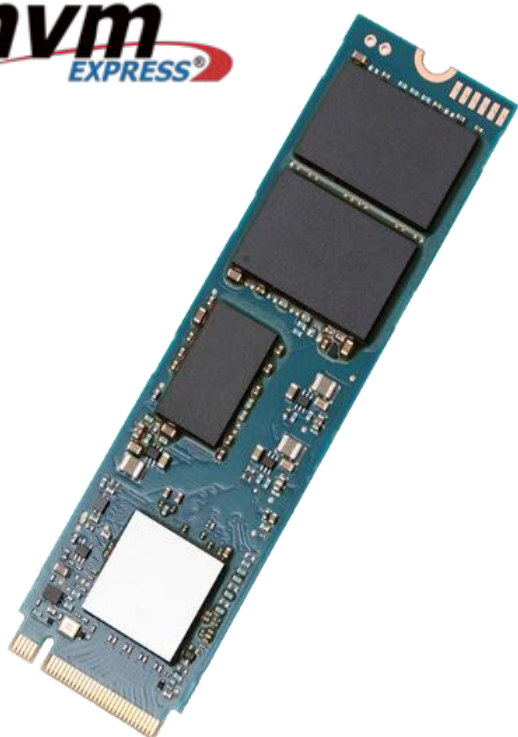


# *Large Capacity SSD With Fast I/F*

## *Hagiwara's NVMe H Series*

**nvm**  
EXPRESS<sup>®</sup>

TLC

**-40~85°C**

Corting



Fixed spec

**Live**  
Monitor

RoHS

SMART  
**SMART**Made in  
Japan

Under Dev

## *Applications*



Broadcasting Systems



Flight Recorders



Medical Equipment



Automotive Data Loggers



AI Edge Computing

Industrial Manufacturing  
Equipment

# Specifications & PN

Form Factor		M.2 2280	
Mode		TLC	pSLC
Application		OS Boot/ Data Storage	OS Boot/ Data Storage
Interface		PCIe Gen3 x4 NVMe 1.4	PCIe Gen3 x4 NVMe 1.4
Capacity		240 to 1920GB	160 to 640GB
Operating Temperature		-40 to 85°C 0 to 70°C	-40 to 85°C 0 to 70°C
Performance *Largest Capacity	Sequential Read	1,550MB/sec	1,550MB/sec
	Sequential Write	1,500 MB/sec	1,500 MB/sec
	Random Read	180,000 IOPS	180,000 IOPS
	Random Write	260,000 IOPS	260,000 IOPS
Power Consumption *Largest Capacity	Active (average)	<5.0W	<5.0W
	Idle	<1.0W	<1.0W
P/E cycles		3,000	60,000
Endurance		T.B.D	T.B.D.

Form Factor	NAND	Capacity	Part Number
M.2 2280	3D NAND 96 Layers TLC	240GB	SN8E-240GA00UI
		480GB	SN8E-480GA00UI
		960GB	SN8E-960GA00UI
		1920GB	SN8E-1920A00UI
	3D NAND 96 Layers TLC	160GB	HN8E-160GA00UI
		320GB	HN8E-320GA00UI
		640GB	HN8E-640GA00UI



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