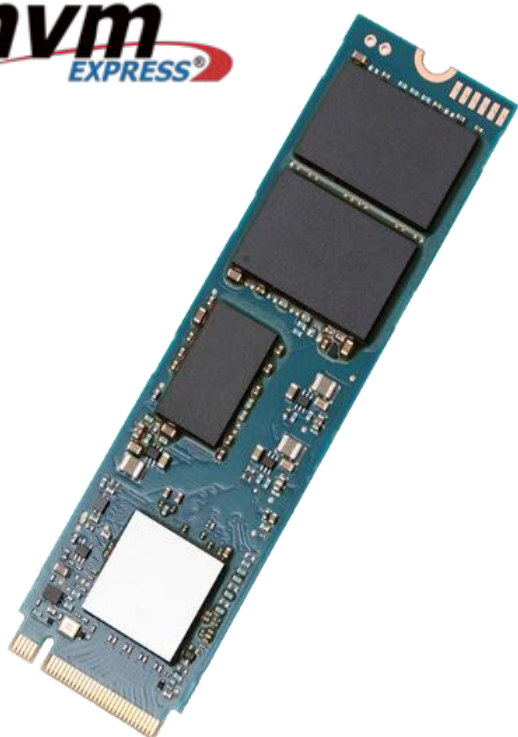# Large Capacity SSD With Fast I/F

Hagiwara's NVMe H Series

nvm EXPRESS®

- TLC
- -40～85℃
- 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℃ 0 to 70℃	-40 to 85℃ 0 to 70℃
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

■Distributor Partner: