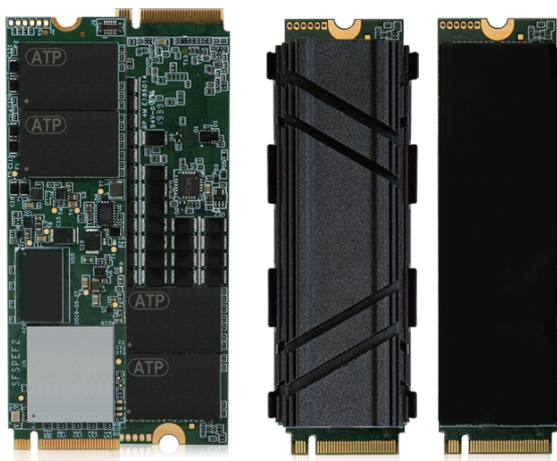




M.2 NVMe



Key Features

- Superior Read/Write performance
- LDPC & RAID Data Recovery for error correction
- Thermal Management Solutions*
- Global wear leveling
- TRIM function support
- End-to End Data Protection
- MCU-based Power Loss Protection Design (May vary by product and project support.)

* Customization available on a project basis

Product Name		M.2 NVMe	
		2280-D2-M	
Product Line		Superior	
Naming		N600Si	N600Sc
Flash Type		TLC	
Density		120 GB to 1920 GB	
Performance	Sequential Read up to (MB/s)	3,420	
	Sequential Write up to (MB/s)	3,050	
	Random Read IOPS (4K, QD32)	225,200	
Interface		PCIe Gen3 Interface, x4 Lanes	
Operating Temperature (Tcase)*		-40°C to 85°C	0°C to 70°C
Endurance TBW** (max.)		5,585 TB	
Reliability MTBF @ 25°C		>2,000,000 hours	
Dimensions: L x W x H (mm)		80.0 x 22.0 x 3.5	

Technologies & Add-On Services	S.M.A.R.T.	TCG Opal 2.0	Advanced Wear Leveling	AutoRefresh	Dynamic Data Refresh	Secure Erase	Industrial Temperature	Anti-Sulfur Resistors	Conformal Coating	End-to End Data Protection	Hardware-based Power Loss Protection
Superior	●	Δ	●	●	●	Δ	●	Δ	Δ	●	●

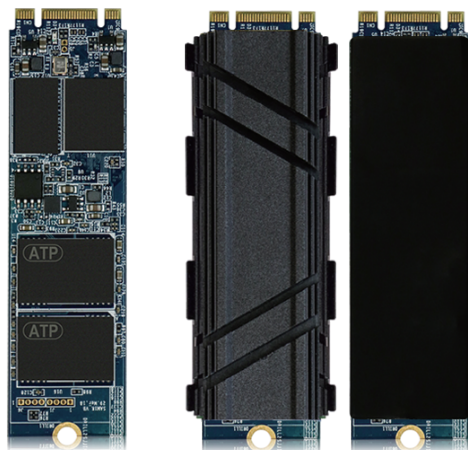
* Case Temperature, the composite temperature as indicated by SMART temperature attributes.

** Under highest Sequential write value. May vary by density, configuration and applications.

Δ: Customization option available on a project basis.



High-Capacity M.2 NVMe








Key Features

- Thermal Management Solutions*
- High-Capacity NVMe Drive
- LDPC & RAID Data Recovery
- End-to-End Data Protection
- S.M.A.R.T / TRIM / Global Wear Leveling

* Customization available on a project basis

Product Name		High-Capacity M.2
		M.2
Product Line		Superior
Naming		N600Sc
Flash Type		TLC
Density		3.84 TB
Performance	Sequential Read up to (MB/s)	2,700
	Sequential Write up to (MB/s)	1,500
Interface		PCIe G3x4, NVMe
Operating Temperature (Tcase)*		0°C to 70°C
Reliability TBW** (max.)		10,600 TB
Reliability MTBF @ 25°C		>2,000,000 hours
Dimensions: L x W x H (mm)		80.0 x 22.0 x 3.6

Technologies & Add-On Services	 S.M.A.R.T.	 Advanced Wear Leveling	 AutoRefresh	 Dynamic Data Refresh	 End-to-End Data Protection
Superior	●	●	●	●	●

* Case Temperature, the composite temperature as indicated by SMART temperature attributes.

** Under highest Sequential write value. May vary by density, configuration and applications.

To learn more about this product, contact your ATP Representative.

ATP Global Footprint

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