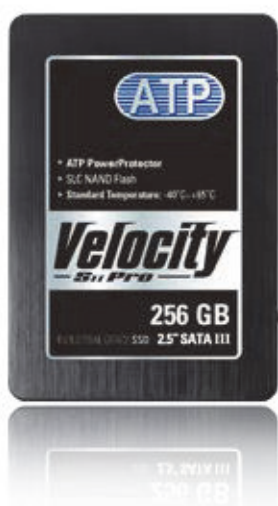## Velocity SII Pro

The ATP Velocity SII Pro 2.5" SSD with SATA III interface is the best-in-class wide-temp industrial grade SLC SSD solution with enterprise-class features. SII Pro SSD offers outstanding performance and proven reliability, ideal for extreme performance, and consistent data integrity requirements (ATP PowerProtector technology), suited for POS, industrial computers, data center and industrial applications in mission- critical, high shock and vibration environments.
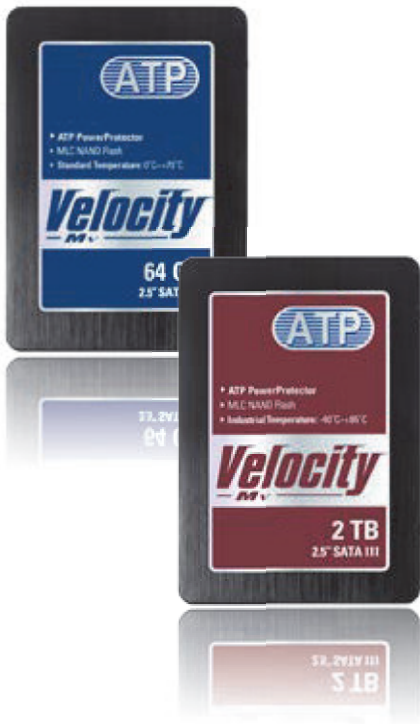
Key Features

• Ideal for heavy program/erase applications
• High Performance with SATA III interface
• Enhanced endurance with Advanced Wear Leveling algorithm
• Built-in hardware-based data protection technology during power failure-PowerProtector
• NSA Compliant Secure Erase
• Supports S.M.A.R.T. ATA feature set
• MIL-STD-810G compliant
• RoHS compliant and CE/FCC certification

Specifications

Product Name	Velocity SII Pro SSD 2.5"
Flash Type	SLC
Density	8GB to 256GB
Performance	Sequential Read up to 530 MB/s
	Sequential Write up to 440 MB/s
	Random Read IOPS up to 78,000
Interface	SATA III 6 Gb/s
Operating Temperature	-40°C to +85°C
Reliability	Advanced Wear Leveling, PowerProtector, AutoRefresh
	TBW* (max.) : 21,333 TB
	MTBF @ 25°C : >2,000,000 hours
Dimensions: LxWxH (mm)	100.0 x 69.85 x 9.2 (8GB to 128GB)
	100.0 x 69.85 x 9.5 (256GB)

*All TBW data listed are under highest sequential write value in each product line.
 The TBW data are subject to change by density, configuration and customers' applications.

Velocity M V

Utilizing MLC NAND flash components, the ATP Velocity M V Enterprise Grade SSD is the best-in-class MLC SSD solution with enterprise-class features for cost-sensitive clients. M V SSD offers outstanding performance and proven reliability, ideal for extreme performance, and consistent data integrity requirements, suitable for POS, industrial computers, data center and industrial applications exposed to high shock and vibration environments.

Key Features

- Designed for enterprise applications requiring high endurance on MLC technology
- High performance with SATA III Interface
- Enhanced endurance with Advanced Wear Leveling algorithm
- Built-in hardware-based data protection technology during power failure – PowerProtector
- NSA Compliant SecureErase
- Supports S.M.A.R.T. ATA feature set
- MIL-STD-810G Shock/Vibration compliant
- RoHS compliant and CE/FCC certification

Specifications

Product Name	Velocity M V 2.5" SSD	
Flash Type	iTemp MLC	MLC
Density	64GB to 2TB	64GB to 2TB*
Performance	Sequential Read up to 530MB/s	Sequential Read up to 530MB/s
	Sequential Write up to 420MB/s	Sequential Write up to 420MB/s
	Random Read IOPS up to 70,000	
Interface	SATA III 6 Gb/s	
Operating Temperature	-40°C to +85°C	0°C to +70°C
Reliability	Advanced Wear Leveling, PowerProtector, AutoRefresh	
	TBW** (max.) : 4,267 TB	TBW** (max.) : 5,120 TB
	MTBF @25°C: >2,000,000 hours	
Dimensions: LxWxH (mm)	100.0 x 69.85 x 9.2 (64GB to 1TB)	
	100.0 x 69.85 x 9.5 (1.5TB to 2TB)*	

* 1.5TB & 2TB available on a project basis.
**All TBW data listed are under highest sequential write value in each product line.
   The TBW data are subject to change by density, configuration and customers' applications.