



ATP Electronics, Inc.

ATP Industrial Grade Flash Products

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications

Product		Dimensions (L x W x H mm)	Flash Type	Densities	Operating Temp.	Data Transfer Rate (MB/s)(max.)	TBW* (max.)	PowerProtector (H/W)	Secure Erase (S/W)**	Life Monitor (S/W)**
SATA										
2.5" SSD	Velocity SII Pro		SLC	8GB~128GB	-40°C~+85°C	Read: 530 MB/s Write: 440 MB/s	21,333 TB	✓	✓	✓
		100.0 x 69.85 x 9.5		256GB						
	Velocity M V		iTemp MLC	64GB~2TB	-40°C~+85°C	Read: 530 MB/s Write: 420 MB/s	4,267 TB	✓	✓	✓
			MLC	64GB~2TB	0°C~+70°C		5,120 TB	✓	✓	✓
M.2	2280 D2-B-M		iTemp MLC	128GB~1TB	-40°C~+85°C	Read: 550 MB/s Write: 450 MB/s	2,133 TB	✓	✓	✓
			MLC	128GB~1TB	0°C~+70°C	Read: 550 MB/s Write: 450 MB/s	2,560 TB			
	2260 D2-B-M		SLC	32GB~128GB	-40°C~+85°C	Read: 530 MB/s Write: 430 MB/s	10,667 TB	✓	✓	✓
			iTemp MLC	64GB~512GB	-40°C~+85°C	Read: 550 MB/s Write: 450 MB/s	1,067 TB			
			MLC	64GB~512GB	0°C~+70°C	Read: 550 MB/s Write: 450 MB/s	1,280 TB			
	2242 D2-B-M		SLC	8GB~64GB	-40°C~+85°C	Read: 530 MB/s Write: 400 MB/s	5,333 TB	✓	✓	✓
			iTemp MLC	32GB~128GB	-40°C~+85°C	Read: 520 MB/s Write: 150 MB/s	267 TB			
			MLC	32GB~128GB	0°C~+70°C	Read: 520 MB/s Write: 150 MB/s	320 TB			
mSATA MO-300A		SLC	8GB~128GB	-40°C~+85°C	Read: 530 MB/s Write: 430 MB/s	10,667 TB	✓	✓	✓	
		iTemp MLC	16GB~512GB	-40°C~+85°C	Read: 550 MB/s Write: 450 MB/s	1,067 TB				
		MLC	16GB~512GB	0°C~+70°C	Read: 550 MB/s Write: 450 MB/s	1,280 TB				
SlimSATA MO-297		SLC	8GB~128GB	-40°C~+85°C	Read: 530MB/s Write: 430 MB/s	10,667 TB	✓	✓	✓	
		iTemp MLC	16GB~512GB	-40°C~+85°C	Read: 550 MB/s Write: 450 MB/s	1,067 TB				
		MLC	16GB~512GB	0°C~+70°C	Read: 550 MB/s Write: 450 MB/s	1,280 TB				
CFast	  	SLC	8GB~32GB	-40°C~+85°C	Read: 500 MB/s Write: 300 MB/s	2,667 TB	✓	✓	✓	
		iTemp MLC	16GB~128GB	-40°C~+85°C	Read: 445 MB/s Write: 160 MB/s	267 TB				
		MLC	16GB~128GB	0°C~+70°C	Read: 445 MB/s Write: 160 MB/s	320 TB				

* 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.

** ATP software support for demo use only.



ATP Electronics, Inc.

ATP Industrial Grade Flash Products

Targeted Product Portfolio, Engineered Specifically for Your Mission Critical Applications

Product	Dimensions (L x W x H mm)	Flash Type	Densities	Operating Temp.	Data Transfer Rate (MB/s)(max.)	TBW* (max.)	PowerProtector (H/W)	Secure Erase (S/W)**	Life Monitor (S/W)**
PATA/IDE									
Compact Flash	36.4 x 42.8 x 3.3	SLC	512MB~32GB	-40°C~+85°C	Read: 61 MB/s Write: 55 MB/s	1,280 TB	✓	✓	✓
		aMLC	4GB~16GB	0°C~+70°C	Read: 110 MB/s Write: 80 MB/s	128 TB	-	✓	✓
		MLC	8GB~32GB	0°C~+70°C	Read: 110 MB/s Write: 46 MB/s	38 TB	-	✓	✓
USB Drive									
eUSB	2.54mm 36.9 x 26.6 x 11.5 2.00mm 36.9 x 26.6 x 8.4	SLC	1GB~32GB	-40°C~+85°C	Read: 30 MB/s Write: 27 MB/s	640 TB	✓	✓	✓
		MLC	8GB~32GB	0°C~+70°C	Read: 22 MB/s Write: 15 MB/s	19 TB	✓	✓	✓
NANODURA	34 x 12.2 x 4.5	SLC	512MB~8GB	-40°C~+85°C	Read: 21 MB/s Write: 16 MB/s	96 TB	-	✓	-
SD									
SD/SDHC/SDXC	32.0 x 24.0 x 2.1	SLC	512MB~8GB	-40°C~+85°C	Read: 69 MB/s Write: 38 MB/s	192 TB	-	✓	✓
		aMLC	4GB~64GB	-25°C~+85°C	Read: 95 MB/s Write: 79 MB/s	512 TB			
		iTemp aMLC		-40°C~+85°C					
		MLC	8GB~128GB	-25°C~+85°C	Read: 91 MB/s Write: 59 MB/s	153 TB			
iTemp MLC		-40°C~+85°C							
microSD/ microSDHC/ microSDXC	15.0 x 11.0 x 1.0	SLC	512MB~8GB	-40°C~+85°C	Read: 82 MB/s Write: 39 MB/s	192 TB	-	✓	✓
		aMLC	4GB~32GB	-25°C~+85°C	Read: 88 MB/s Write: 78 MB/s	256 TB			
		iTemp aMLC		-40°C~+85°C					
		MLC	8GB~64GB	-25°C~+85°C	Read: 74 MB/s Write: 75 MB/s	77 TB			
iTemp MLC		-40°C~+85°C							

* 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.

** ATP software support for demo use only.

**ATP Products
Distributed By:**



NAC SEMI

TEL: 727.776.8593

sales@nacsemi.com

www.nacsemi.com

All brands and products are the property and trademarks of their respective owners.

OPF0217