

# ATP aMLC (advancedMLC) for Embedded Modules and 2.5" SSDs



8G~64G  
SlimSATA

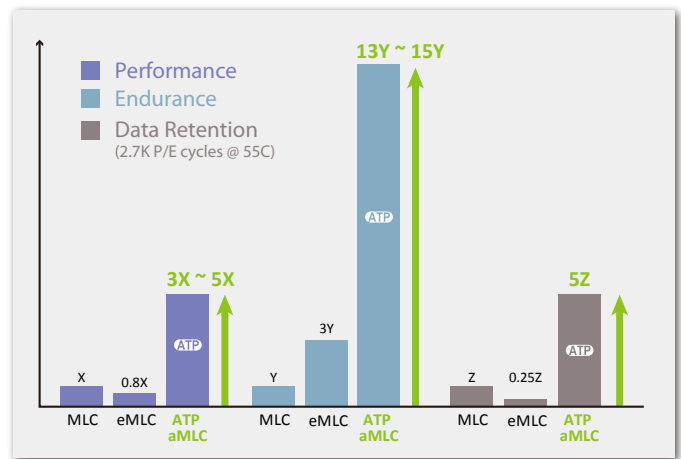
8G~64G  
mSATA

8G~64G  
2.5" SSD

Best suited for any write intensive/performance driven applications requiring competitive Drive-Write-Per-Day over Cost (DWPD/Cost)

## ■ To Meet The Industrial Challenges--RDPPP

Endurance, performance, and data retention are a few critical factors for a NAND Flash storage device to meet the demanding industrial operating requirements. To face these engineering challenges, ATP has offered a new advanced firmware technology, aMLC, to implement onto ATP's NAND Flash products. The new ATP aMLC solution provides a less-than-SLC-cost solution in return for a full scale property improvement of advanced **Reliability, Density, P/E cycles, Performance with competitive Pricing (RDPPP)**. ATP aMLC product lines include 2.5"SSDs, SlimSATA and mSATA with flexible densities ranging from 8GB~64GB, as more form factors and densities are to be followed. The mainstream densities are best suited for the most up-to-date industrial demands on any write intensive or performance driven applications.



## ■ Specifications

Form Factor	XE 2.5" SSD	Slim SATA	mSATA
Standard/Interface	SATA II Interface	MO-297	MO-300A
Density	8GB~64GB	8GB~64GB	8GB~64GB
Endurance(P/E Cycles)	40,000	40,000	40,000
Performance (CrystalDiskMark)	Read:250 MB/s Write:190 MB/s	Read:250 MB/s Write:180 MB/s	Read:250 MB/s Write:180 MB/s
Operation temp.	0°C~70 °C	0°C~70 °C	0°C~70 °C
Features	AES 128/256 (optional)		
	*ATP PowerProtector Plus	*100% production level burn-in	*AutoRefresh for data integrity
	*Advanced Wear Leveling algorithm *Customized services	*ATP S.M.A.R.T. life monitor	*ATP SecureErase Tool

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