3D NAND **SLC Caching** **LDPC ECC**

M.2 2280 SATA III SSD

SA3080

- High speed 3D NAND synchronous flash
- Great performance and reliability
- Advanced LDPC ECC Engine to prevent data errors
- Powerful wear leveling algorithm enhance lifespan
- Support NCQ/ TRIM command and Garbage Collection technology
- S.M.A.R.T. monitoring system

Interface	SATA III
Capacity	128GB / 256GB / 512GB
Performance (up to)	128GB 500MB/s(R) 350MB/s(W) 256GB 500MB/s(R) 410MB/s(W) 512GB 500MB/s(R) 480MB/s(W)
4K IOPs (up to)	128GB 60K(R) 70K/s(W) 256GB 60K(R) 70K/s(W) 512GB 60K(R) 78K/s(W)
Shock	1500G / 0.5ms
MTBF/ TBW	2,000,000 hours
Dimension	22 mm (W) x 80 mm (L)
Weight	8g
Voltage	3.3V
Operating temperature	0~70°C
Warranty	3

※ The product information and specifications are subject to change without prior notice.
※ Transfer rates may vary, depending on system platform, software, interface, capacity and device conditions.