

M.2 (S80) 3IE7

HIGHLIGHT FEATURES



- Up to 100K P/E cycle, extending the lifespan by 33x
- Equipped with 112-layer 3D TLC NAND Flash
- Utilizes Ultra iSLC Technology
- Supports temperatures -40°C to 85°C
- 5-year warranty

SPECIFICATIONS

Model Name	M.2 (S80) 3IE7
Flash Type	iSLC (3D TLC)
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2280 B+M Key
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	550 / 520
P/E Cycle	30,000 / 100,000
TBW (Max.)	40,000
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	2.0W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	N
Dimension (W x L x H/mm)	22.0 x 80.0 x 3.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

