



M.2 (S42) 3TEA

HIGHLIGHT FEATURES

- Equipped with 218-layer 3D TLC NAND Flash
- Reliable high-IOPS Performance
- Excellent data transfer speed
- Support iPower Guard & iData Guard

SPECIFICATIONS

Model Name	M.2 (S42) 3TEA
Flash Type	3D TLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	256GB ~ 2TB
Sequential R / W (MB/sec, max.)	560 / 500
P/E Cycle	3,000
TBW (Max.)	3,046
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	1W
Max. Channels	2
External DRAM Buffer	N
H/W Write Protect	Optional
S.M.A.R.T.	Y
AES	N
TCG Opal	N
Dimension (W x L x H/mm)	22.0 x 42.0 x 3.65
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years



Operating Temperature	Standard Grade (0°C ~ 70°C)
256GB	DEM24-B56DZ1PCADF
512GB	DEM24-C12DZ1PCADF
1TB	DEM24-01TDZ1PCADF
2TB	DEM24-02TDZ1PCADF