



M.2 (S42) 3MG2-P

HIGHLIGHT FEATURES

- SATA 6.0Gb/s interface
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	M.2 (S42) 3MG2-P
Flash Type	MLC
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2242 B+M Key
Capacity	32GB ~ 256GB
Sequential R / W (MB/sec, max.)	560 / 340
P/E Cycle	3,000
TBW (Max.)	300
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	2.6W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	22.0 x 42.0 x 3.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years



Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
32GB	DGM24-32GD81BCADC	DGM24-32GD81BWADC
64GB	DGM24-64GD81BCAQC	DGM24-64GD81BWAQC
128GB	DGM24-A28D81BCAQC	DGM24-A28D81BWAQC
256GB	DGM24-B56D81BCAQC	DGM24-B56D81BWAQC

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