

M.2 (S80) 3IS2-P

HIGHLIGHT FEATURES



- SATA III solution for Server Boot-Up Drive
- iSLC technology
- Intelligent error recovery system
- High IOPS to enhance boot up timing
- iData Guard for abnormal power failure
- Supports wide temperature from -40°C to 85°C

SPECIFICATIONS

Model Name	M.2 (S80) 3IS2-P
Flash Type	iSLC (MLC)
Interface	SATA III 6.0 Gb/s
Form Factor	M.2 2280 B+M Key
Capacity	32GB ~ 512GB
Sequential R / W (MB/sec, max.)	560 / 450
P/E Cycle	20,000
TBW (Max.)	5,000
Storage Temperature	-55°C ~ 95°C
Max. Power Consumption	1.5W
Max. Channels	4
External DRAM Buffer	Y
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
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



Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
32GB	DSM28-32GD813CAQC	DSM28-32GD813WAQC
64GB	DSM28-64GD813CAQC	DSM28-64GD813WAQC
128GB	DSM28-A28D813CAQC	DSM28-A28D813WAQC
256GB	DSM28-B56D813CAQC	DSM28-B56D813WAQC
512GB	DSM28-C12D813CAQC	DSM28-C12D813WAQC

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