



M.2 (P42) 4IE2

HIGHLIGHT FEATURES

- Equipped with 112-layer 3D TLC NAND Flash
- Utilizes Ultra iSLC Technology
- Dynamic Thermal Management
- Support iPower Guard & iData Guard
- Support TCG Opal 2.0 (Optional)

SPECIFICATIONS

Model Name	M.2 (P42) 4IE2
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 4 x4
Form Factor	M.2 2242 M Key
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	3,550 / 2,950
P/E Cycle	100,000
TBW (Max.)	20,161
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	4.8W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y
TCG Opal	Y
Dimension (W x L x H/mm)	S/T : 22.0 x 42.0 x 3.8 W/T with heatsink : 25.0 x 42.0 x 14.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

