

M.2 (P80) 4IE3

HIGHLIGHT FEATURES



- PCIe Gen 4 x4, NVMe 1.4
- Stable sustained performance
- LDPC ECC engine supported
- 256 bit AES hardware based encryption
- Ultra iSLC technology
- Dynamic thermal management

SPECIFICATIONS

Model Name	M.2 (P80) 4IE3
Flash Type	iSLC (3D TLC)
Interface	PCIe Gen 4 x4
Form Factor	M.2 2280 M Key
Capacity	40GB ~ 640GB
Sequential R / W (MB/sec, max.)	3,600 / 3,200
P/E Cycle	100,000
TBW (Max.)	36,505
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	5.0W
Max. Channels	4
External DRAM Buffer	N
H/W Write Protect	Y (Optional)
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
Dimension (W x L x H/mm)	Pure M.2 : 22.0 x 80.0 x 3.5 W/T with heat sink : 25.0 x 80.0 x 14.5
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	5 Years

