



U.2 SSD 4TG2-P

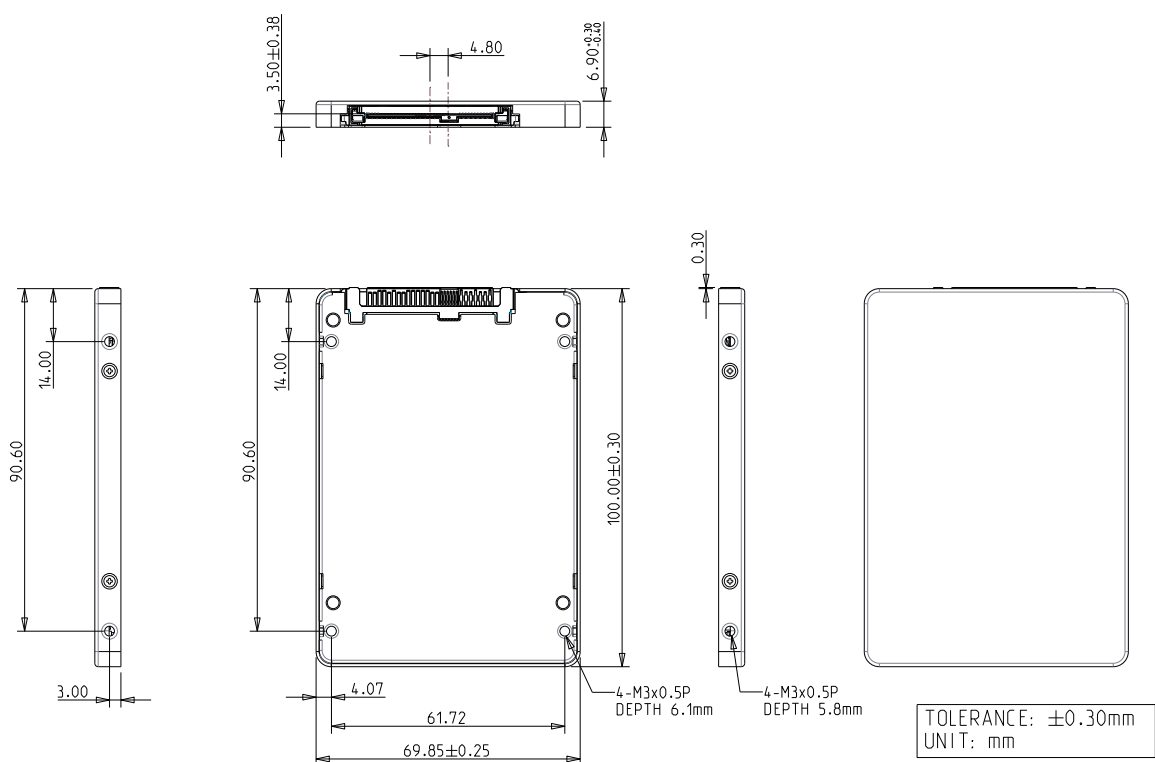
HIGHLIGHT FEATURES

- PCIe Gen 4 x4, NVMe 1.4
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic thermal management
- PLP(iCell) feature
- High capacity & ultra-speed
- 256-bit AES hardware-based encryption

SPECIFICATIONS

Model Name	U.2 SSD 4TG2-P
Flash Type	3D TLC
Interface	PCIe Gen 4 x4
Form Factor	U.2 SSD
Capacity	512GB ~ 8TB
Sequential R / W (MB/sec, max.)	6,950 / 4,950
P/E Cycle	3,000
TBW (Max.)	39,011
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	13.5W
Max. Channels	8
External DRAM Buffer	Y
H/W Write Protect	N
S.M.A.R.T.	Y
AES	Y (Optional)
TCG Opal	Y (Optional)
Dimension (W x L x H/mm)	69.85 x 100.0 x 6.9
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>3 million hours
Warranty	3 Years

DIAGRAM



ORDER INFO.

Operating Temperature	Standard Grade (0°C ~ 70°C)	Industrial Grade (-40°C ~ 85°C)
512GB	DGEU2-C12DP1KCBFP DGEU2-C12DP2KCBFP	DGEU2-C12DP1KWBFP DGEU2-C12DP2KWBFP
1TB	DGEU2-01TDP1KCBFP DGEU2-01TDP2KCBFP	DGEU2-01TDP1KWBFP DGEU2-01TDP2KWBFP
2TB	DGEU2-02TDP1KCBFP DGEU2-02TDP2KCBFP	DGEU2-02TDP1KWBFP DGEU2-02TDP2KWBFP
4TB	DGEU2-04TDP1KCBFP DGEU2-04TDP2KCBFP	DGEU2-04TDP1KWBFP DGEU2-04TDP2KWBFP
8TB	DGEU2-08TDP1KCBFP DGEU2-08TDP2KCBFP	DGEU2-08TDP1KWBFP DGEU2-08TDP2KWBFP

For TCG OPAL function, the PN Code 10th ~ 12th will be DP2.

