

U.2 5TS-P



HIGHLIGHT FEATURES

- PCIe Gen 5 x4, NVMe 2.0
- PLP (iCell) technology for power loss protection
- Stable sustained performance
- LDPC ECC engine supported
- Dynamic thermal management
- OCP Datacenter NVMe SSD 2.0 compliance

SPECIFICATIONS

Model Name	U.2 5TS-P
Flash Type	3D eTLC
Interface	PCIe Gen 5 x4
Form Factor	U.2
Capacity	1.92TB ~ 7.68TB
Sequential R / W (MB/sec, max.)	14,000 / 10,000
P/E Cycle	10,000
TBW (Max.)	14,000
Storage Temperature	-40°C ~ 85°C
Max. Power Consumption	25W
Max. Channels	16
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)	69.9 x 100 x 15
Vibration	20G@[7 ~ 2000Hz]
Shock	1500G@0.5ms
MTBF	>2 million hours
Warranty	5 Years



Operation temperature based on temperature obtained from S.M.A.R.T.
U.2 5TS-P specifications are subject to change.