



U.2 NVME .

Product Features

- PCIe Gen. 4x4, NVMe 1.4
- Excellent data transfer speed
- LDPC ECC engine supported.
- End-to-end Data Path Protection
- High capacity & ultra-speed

Overview:

Quantum Digital Technology U.2 SSD is an NVM Express SSD designed as PCIe SFF-8639. This Device uses the PCIe interface and supports 3D TLC NAND Flash.

U.2 SSD supports PCIe Gen. 4x4, and it is compliant with NVMe 1.4 providing excellent speed to the performance hungry applications. Error Correction Code functions ensures Data Path Protection that secures the data transmission between host system and NAND Flash.

Quantum Digital Technology ultra-speed and high IOPS solution offers maximum capacity up to 8TB, making this SSD a perfect solution for server and heavy data workload applications.

Specifications:

Model Name	U.2 SSD Gen4
Interface	PCIe Gen. IV x4
Flash Type	3D TLC
Capacity	512GB~8TB
Sequential R/W (MB/sec, max.)	6500/5500
Max. Power Consumption	10.5W
Max. Channels	8
Thermal Sensor	Y

External DRAM Buffer	Y
H/W Write Protect	N
Dimension (WxLxH/mm)	100.0 x 69.85 x 6.9
Vibration	20G@7~2000Hz
Shock	1500G@0.5ms
MTBF	>3 million hours
Storage Temperature	-40°C ~ +85°C
Operation Temperature	Standard Grade: 0°C ~ +70°C; Industrial Grade: -40°C ~ +85°C

All part numbers are custom based on your requirements. Custom part number will be created on