

M.2 PCIe NVMe EX3



The M.2 PCIe NVMe EX3 is a high-performance PCIe NVME solution that less power compared to hard drives, yet has sufficient storage space to load an O/S and serve as a bootable drive for embedded applications. Moreover, these devices have excellent resistance to shock, vibration, dust, temperature extremes and other environmental hazards. M.2 PCIe NVMe EX3 features outstanding performance and is available in 512GB to 1TB capacities.

Features

- PCIe Gen4x4 Interface
- Max Speed: Read up to 5295 MB/s, Write up to 5105 MB/s
- Capacities up to 1TB

Specifications

Capacity	512GB – 1TB
Interface	PCIe Gen4x4
Form Factor	M.2 (2230)
Dimensions	30.0 x 22.0 x 3.5mm
Power Supply	3.3V +/-5%
Performance(MB/sec)	5295/5105

Reliability Specifications

MTBF	+1,500,000 hours
Data Reliability	Built in EDC/ECC function

Ordering Information

Capacity	Commercial Temp
512GB	FPK51250R4
1TB	FPK1T050R4

Environmental Specifications

Operating Shock	1500G (duration :0.5ms)
Non-Operating Vibration	20G (20Hz~1000Hz)
Operating Temperature	0°C to 70°C
StorageTemperature	-40°C to 85°C
Operating Humidity	10% to 95% RH