

## PCIe NVMe Solid State Drive

### M.2 PCIe NVMe EX2 PCIe NVMe SSD



M.2 PCIe NVMe EX2 is a PCIe NVMe M.2 2280 type Solid State Drive. It supports a max read speed of up to 6550 MB/sec and a max write speed as fast as 4700 MB/sec for Audio/Video Cache application. It also has a great performance of Random 4KB Read/Write up to 901K/775K IOPS.

#### Features

- PCIe Gen4 x4 lane host interface.
- Max Speed: Read up to 6550 MB/s, Write up to 4700 MB/s.
- Capacities up to 4096GB.

#### Specifications

Form Factor	M.2 2280
Capacity	256GB-4096GB
Dimension(Commercial)	22.0 x 80.0 x 2.15 mm
Dimension(Industrial)	22.0 x 80.0 x 4.20 mm
Interface	PCIe Gen4 x4
NAND Flash	TLC
Power Supply	3.3V +/- 5%
Performance(MB/sec)	3600/3200 (Commercial) 6550/4700 (Industrial)

#### Environmental Specifications

Operating Shock	1500G/0.5ms
Operating Vibration	80Hz~2000Hz/20G
Operating Temperature	-40°C to 85°C (I-temp) 0°C to 70°C (C-temp)
Storage Temperature	-40°C to 85°C

#### Ordering Information

Capacity	Commercial Temp
256GB	FPK25621R7
512GB	FPK51221R7
1TB	FPK1T021R7
2TB	FPK2T021R7
4TB	FPK4T021R7

Capacity	Industrial Temp
512GB	FPK51212R7
1TB	FPK1TB12R7
2TB	FPK2TB12R7
4TB	FPK4TB12R7