

PCIe NVMe Solid State Drive

M.2 PCIe SE PCIe NVMe SSD



M.2 PCIe SE is a PCIe NVMe M.2 2242 type Solid State Drive. It supports a max read speed of up to 2.0 GB/sec and a max write speed as fast as 1.9 GB/sec for Audio/Video Cache application. It also has a great performance of Random 4KB Read/Write up to 290K/260K IOPS.

Features

- PCIe Gen3 x4 lane host interface
- Max Speed: Read up to 2.0 GB/s, Write up to 1.9 GB/s
- Capacities up to 2TB

Specifications

Form Factor	M.2 2242
Capacity	64GB - 2TB
Dimension	22.0 x 42.0 x 3.5 mm (C) 22.0 x 42.0 x 4.1 mm (I)
Interface	PCIe I/II/III x4 interface
NAND Flash	TLC
Power Supply	3.3V +/- 5%
Performance(MB/sec)	2000/1900

Environmental Specifications

Operating Shock	1500G
Operating Vibration	20G (7Hz~2KHz)
Operating Temperature	0°C to 70°C (C-temp) -40°C to 85°C (I-temp)
Operating Humidity	10% to 95% RH

Ordering Information

Capacity	Commercial Temp
128GB	FPI12810R6
256GB	FPI25610R6
512GB	FPI51210R6
1TB	FPI1T010R6
2TB	FPI2T010R6

Capacity	Industrial Temp
64GB	FPI06412R9
128GB	FPI12812R9
256GB	FPI25612R9
512GB	FPI51212R9
1TB	FPI1T012R9
2TB	FPI2T010R6