

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 1TB

Specifications

| | |
|---------------------|--|
| Form Factor | M.2 2242 |
| Capacity | 64GB - 1TB |
| 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 |

| Capacity | Industrial Temp |
|----------|-----------------|
| 64GB | FPI06412R9 |
| 128GB | FPI12812R9 |
| 256GB | FPI25612R9 |
| 512GB | FPI51212R9 |
| 1TB | FPI1T012R9 |