

R * TALENT

MEMORY

M.2 PCle 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.

BEST

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 |

© 2019 Super Talent Technology. Specifications subject to change without notice. US patent # 6,547,130 and others apply. 1GB=1,000,000,000 Bytes. Usable capacity may be less than specified after formatting. Performance rating based on ATTO Disk Benchmark scores. Actual performance varies depending upon the system configuration and the application used. Performance is highly dependent upon test environment and use case.

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