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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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