

## ■ Super Talent PCIe DX1



The Super Talent PCIe DX1 is a NAND flash memory device which provides high reliability and high performance for storage media. Super Talent PCIe DX1 is substantially smaller, lighter, and consumes less power while still providing sufficient storage space to load an OS and serve as a bootable drive for embedded applications.

Measuring only 22.0 x 80.0 x 3.5mm, the Super Talent PCIe DX1 can be easily mounted into notebooks without any cables, additional drivers or firmware. The PCIe interface provides fast read and write speeds of up to 406 MB/s and the physical specifications meet the Next Generation Form Factor. It can also be used as a storage solution for servers and in the medical industry.

### Physical Specifications

Form Factor	80 mm M.2
Capacity	32 GB to 256 GB
Internal Cache	128 MB DDR3
Dimensions	22.0 x 80.0 x 3.5 mm
NAND Flash	MLC/SLC
Interface	PCIe(x1)
Power Supply	3.3V +/-5%

### Environmental Specifications

Shock (Operating)	1500G
Vibration (Operating)	16G
Operating Temperature (Industrial)	-40°C ~ 85°C
Operating Temperature (Commercial)	0°C ~ 70°C

### Reliability Specifications

MTBF	+1,000,000 hours
Data Reliability	Built in EDC/ECC function

### Ordering Information

NAND Capacity	Part Number
32 GB	FN8032J3RM
64 GB	FN8064J3RM
128 GB	FN8128J3RM
256 GB	FN8256J3RM