

■ NGFF ST1



The NGFF ST1 is a NAND flash memory device which provides high reliability and high performance for storage media. NGFF ST1 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 42.0 x 3.5mm, the NGFF ST1 can be easily mounted into Ultrabooks without any cables, additional drivers or firmware. The SATA II interface provides fast read and write speeds 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	42 mm M.2
Capacity	16 GB to 128 GB
Dimensions	22.0 x 42.0 x 3.5 mm
NAND Flash	MLC/SLC
Interface	SATA II
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

Part Number	NAND Capacity
FN4016MRRM	16 GB
FN4032MRRM	32 GB
FN4064MRRM	64 GB
FN4128MRRM	128 GB