

製品案内 (SD/MICRO SD)



- 5000 times endurance.
- Wide temperature resistance -25 ° to 85 ° for long-term outdoor working environment.
- Support customized ID.
- Support self-monitoring analysis.
- All products pass high-temperature test.

microSDHC			SDHC			SDXC
8GB	16GB	32GB	8GB	16GB	32GB	64GB



製品案内 eMMC / eMCP



Interface: eMMC ver4.41/Ver 4.5
 Bus width: 1-bit, 4-bit, 8-bit
 Features: Back ground operation, HPI (High priority interrupt), Enhanced Reliable Write, Higher IOPS, Customizable
 Storage temperature: -45° C to 85° C
 Operating temperature: -25° C to 85° C
 Capacity: 4GB, 8GB, 16GB, 32GB
 Operating voltage: NAND(VCC) 2.7-3.6V/I/O(VCCQ) 1.7-1.95V or 2.7-3.6V
 Dimensions/Package: 11.5mmx13mmx1.1mm, 153-ball FBGA
 12mmx16mmx1.2mm, 169-ball FBGA

4GB	8GB	16GB	32GB
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Application:
 MID, Smart phone, e-Book, PND, IPTV, Gaming Box,
 Networking equipment, etc



Application: Smart phone, MID

Capacity: 4GB-4Gb, 4GB-8Gb, 8GB-8Gb
 eMMC Interface: eMMC ver4.41/Ver 4.5
 DRAM Interface: LPDDR2/LPDDR3
 Core values: provide a reliable, stable storage space, and help customers to reduce the area of PCBA
 Storage temperature: -45° C to 85° C
 Operating temperature: -25° C to 85° C
 Dimensions/Package: 11.5mmx13mmx1.1mm, 153-ball FBGA
 11.5mmx13mmx1.1mm, 162-ball FBGA

製品案内 fSD/tsD



Embedded Storage 13

fSD

Interface: SD v2.0v1.1/v1.0
Advanced Features: Same pin out as eMMC, OTP area, Read-only area/Prevents from copying/Hidden area, Global wear leveling, Higher IOPS, Designed for embedded system specially, Customizable

4GB 8GB 16GB 32GB

Storage temperature: -45° C to 85° C
Operating temperature: -25° C to 85° C
Operating voltage: NAND(VCC) 2.7-3.6V(IQ)(VCCQ) 1.7-1.95V or 2.7-3.6V
Capacity: 4GB, 8GB, 16GB, 32GB
Dimensions/Package: 12mmx16mmx1.2mm, 169-ball FBGA
11.5mmx13.5mmx1.0mm, 153-ball FBGA
Application: MID, Smart phone, DTV, PND, STB, MP4, etc



Embedded Storage 14

tsD

4GB 8GB 16GB



Interface: SD v2.0v1.1/v1.0
Advanced Features: Same pin out as NAND TSOP, EFS, OTP area, Read-only area/Copy prevention/Hidden area, Global wear leveling, Higher IOPS, Customizable
Storage temperature: -45° C to 85° C
Operating temperature: -25° C to 85° C
Operating voltage: 2.7-3.6V
Capacity: 4GB, 8GB, 16GB
Dimensions/Package: 12mmx20mmx1.2mm, TSOP48
Application: MID, E-Learning machine, E-book, PND, DFF, MP4, etc

製品案内 SSD



Embedded Storage 15

2.5 inch SSD

Capacity: 64GB, 128GB, 256GB
Interface: SATA 3.0 / SATA 2.0
Flash Type: Toggle MLC
Operation Temperature: 0° C ~ 70° C
Sequential Performance (128GB SATA3.0):
Read: 420MB/S, Write: 170MB/S
Application: Notebook, Industrial PC
Form factor: Standard 2.5 inch, 7mm

64GB 128GB 256GB



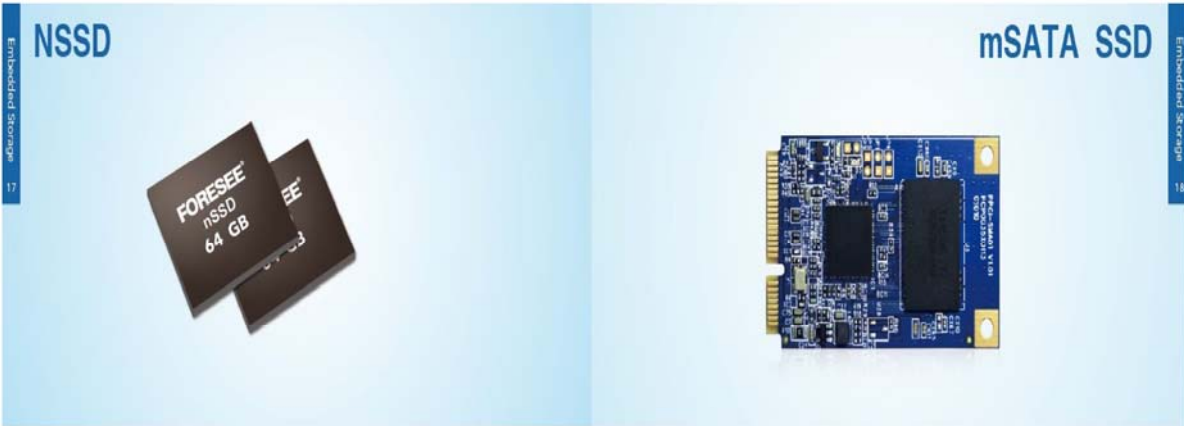
Embedded Storage 16

NGFF SSD

32GB 64GB 128GB

Capacity: 32GB, 64GB, 128GB
Interface: SATA 3.0/SATA 2.0
Flash Type: Toggle MLC
Operation Temperature: 0° C ~ 70° C
Sequential Performance (128GB SATA3.0):
Read: 420MB/S, Write: 170MB/S
Application: Ultrabook, Tablet
Form factor: M.2 NGFF 22x42

製品案内 SSD

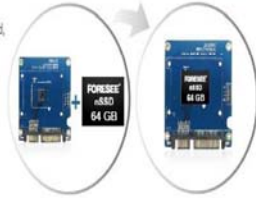


Embedded Storage 17

nSSD

nSSD is a BGA package SSD with SATA controller and flash chip inside. nSSD is Compatible with SATA IO micro SSD and JEDEC MO-276E standard, with capacity from 4GB to 128GB. It can be used directly on motherboard, or shape of mSATA, Half Slim and 2.5 inch SSD (NETCOM can provide reference design). nSSD is a cost down solution for customers, especially fit for CKD market, games machines, POS machines, etc.

- 4GB
- 8GB
- 16GB
- 32GB
- 64GB
- 128GB



Embedded Storage 18

mSATA SSD

Capacity: 4GB, 8GB, 16GB, 32GB, 64GB, 128GB
 Interface: SATA 3.0/SATA 2.0
 Flash Type: Toggle MLC
 Operation Temperature: 0 C ~ 70 C
 Sequential Performance (64GB SATA3.0):
 Read: 520MB/S, Write: 175MB/S
 Application: Ultrabook, Tablet, Industrial PC
 Form factor: JEDEC MO-300

- 4GB
- 8GB
- 16GB
- 32GB
- 64GB
- 128GB
- 256GB

