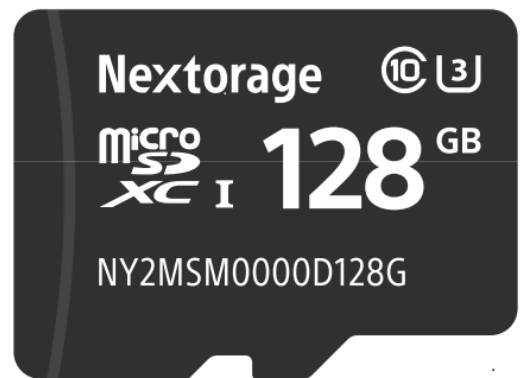


Datasheet

microSD Card

Y2 Series 3D TLC Model

- Supports UHS-I Interface
- Highly reliable PLP; suitable for industrial grade embedded systems
- 3D TLC NAND implemented
- -40°C to 85°C wide-range Operation Temp.



Nextorage Y2 Series is a SD Card with 3D TLC NAND implementation. It comes with extremely reliable PLP (Power Loss Protection) technology and wide-range operation temperature. Our SD Card is suitable for control units of embedded systems, IoT devices and security cameras, which require industrial grade quality. It can be also utilized for boot drive, data logging and storage as well as video recording.

Support Available for Industrial Grade Embedded Devices

**Fixed BOM
for major
components**

**Fixed
Firmware**

**Failure
Analysis
Report**

**Technical
Support**

Product Specification

| Model Name | NY2MSM0000D032G | NY2MSM0000D064G | NY2MSM0000D128G |
|-------------------------|------------------------------------|-----------------|-----------------|
| Capacity | 32GB | 64GB | 128GB |
| Interface | SDHC | SDXC | |
| SD Version | 6.10 | | |
| Speed Class | Class10 | | |
| Bus mode | Default speed (DS) / Hi speed (HS) | | |
| UHS Speed Class | U1 | U3 | |
| Video Speed Class | V10 | V30 | |
| Application Speed Class | A1 | | |
| Flash Type | 3D TLC | | |
| Operation Temp. | -40°C to 85°C | | |
| Storage Temp. | -40°C to 85°C | | |
| Dimensions | 15mm x 11mm x 1mm (L x W x H) | | |
| SPQ*1 | 600pcs | | |

*1 Standard Packing Quantity = Unit of Purchase

Contact

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Y2 Series 3D TLC model microSD Card Data sheet
Rev.1.6