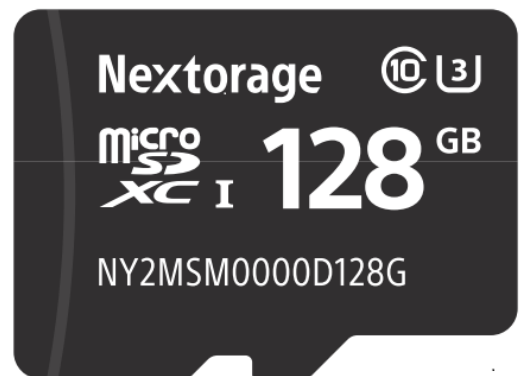


Datasheet

## 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	1mm x 11mm x 15mm (H x W x L)		
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.1.5