

# Compliant with SD Memory Card Specification 3.0 and backwards-compatible with 2.0, 1.1, and 1.01

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 [silicon-power.com/web/gb/product-SDT320](http://silicon-power.com/web/gb/product-SDT320)



## Specifications

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- Flash Technology
- MLC / 3D TLC
- Capacity
- 8GB ~ 16GB
- Interface
- SD 3.0 / UHS-I
- Storage Temperature
- -40°C ~ 85°C

- Seq. Performance Read (max.)
- 81 MB/s
  
- Seq. Performance Write (max.)
- 46 MB/s
  
- Power Requirement
- DC 3.3V
  
- Power Consumption(max.)
- 58 mA
  
- Power Consumption (idle)
- 90 uA
  
- Dimension (mm)
- 15.0 x 11.0 x 1.0
  
- MTBF (est)
- ≒2,000,000 hrs
  
- Operating Temp. (Standard)
- SP\*\*\*GISDT325NEo
  
- Operating Humidity
- 10% ~ 95% (30°C Max. Wet Bulb Temp)
  
- Vibration
- 15G, 10 ~ 2000Hz
  
- Drop
- 150cm
  
- Shock
- 1,500G@0.5ms
  
- Torque
- 0.15Nm
  
- Bending
- 10N
  
- Duration (cycles)
- 10000
  
- Warranty
- 3 years and within guranteed TBW

## Features

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- Compliant with SD Memory Card Specification 3.0 and backwards-compatible with 2.0, 1.1, and 1.01
- High endurance suitable for 24/7 continuous video recording
- Steady performance design to ensure all frames are recorded
- Supports SP Toolbox SMART Health Monitoring System software (optional)

**SDT320**  
**MLC / 3D TLC**

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Form Factor	NAND	Capacity	Temp.	P/N
microSD	MLC	8GB	-25~85°C	SP008GISDT325NE0
microSD	MLC	16GB	-25~85°C	SP016GISDT325NE0