

MicroSD Card

16 GB, HC Class 10

multicompPRO

**RoHS
Compliant**



Description

Perfect for getting started with the Raspberry Pi, this 16 GB MicroSD card comes preloaded with Raspberry Pi OS (previously called Raspbian) which is the official supported operating system for Raspberry Pi.

Hardware Features

- Compliant with RoHS 2.0 standards
- Compliant with UHS-I
- Compliant with Speed Class 10
- Compliant with SD specification 5.1
- Compliant with Application Performance Class 1 (A1)

Firmware Features

- Built-in ECC (Error Correction Code) functionality
- Wear-Leveling
- Early Move

Specifications

Operating Environment	Operating Voltage	2.7V to 3.6V
	Drop Test	1.5m free fall
	Operating Temperature	Standard -25°C (-13°F) to +85°C (+185°F)
	Storage Temperature	-40°C (-40°F) to +85°C (+185°F)
	Humidity	0% to 95%
	Shock	Acceleration: 490 m/s ² (standard holding time: 11 ms, semi-sine wave, velocity change: 3.44 m/s)
	Vibration (Operating)	20 G (peak-to-peak), 20 Hz to 2,000 Hz (frequency)
Power	Power Consumption	0.5 watt(s) [Max.]
Performance	Read Speed (Max.)	up to 95 MB/s
	Write Speed (Max.)	up to 70 MB/s
	Terabytes Written (Max.)	1,280 TBW
Certificate		CE / FCC
Storage	Flash Type	3D NAND flash
	Capacity	16 GB
Appearance	Dimensions	11mm × 15mm × 1mm (0.43" × 0.59" × 0.04")
	Form Factor	microSD flash card

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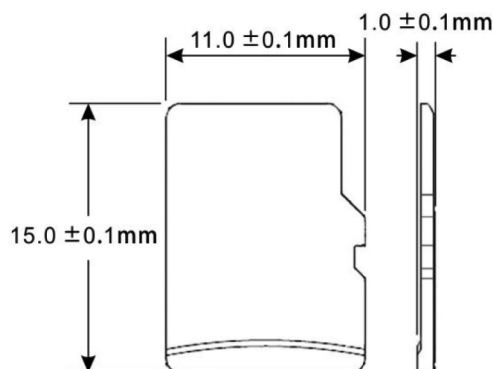
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Diagram



Part Number Table

Description	Part Number
MicroSD Card, 16 GB, HC Class 10, Preinstalled Pi OS	TS16GUSD420T-MCP2

Dimensions : Millimetres

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