

## WD Purple™ microSD™ Card

### Data That Never Leaves Your Sight

The WD Purple microSD card is borne out of extensive analysis of three generations of industrial products to specifically address the surveillance market. With its high endurance and capacities up to 64GB, the WD Purple microSD card provides long-lasting on-camera storage, and its support for card health monitoring functionality allows for pre-emptive storage management. It offers exceptional performance and reliability to meet the 24/7 continuous high-definition video recording workload demanded by the growing number of surveillance applications. Trust Western Digital to deliver WD Purple – the ideal microSD storage for video surveillance cameras and edge devices.



#### INTERFACE

SDA 5.0

#### FORM FACTOR

microSD

#### SPEED CLASS

speed Class 10  
UHS Speed Class 1 (U1)

#### CAPACITIES

32GB, 64GB

#### MODEL NUMBERS

WDD032G1P0A

WDD064G1P0A

## Product Features

#### It's WD Purple

*Designed for Surveillance.* Being a member of a market-leading surveillance storage brand gives you assurance that this card is designed with the right robustness, performance, and features for always-on video surveillance cameras and edge devices.

#### Put More Confidence In Your Cameras

*High Endurance.* WD Purple microSD cards are designed for continuous 24/7 recording should your camera lose connection with the NVR, providing additional confidence in your video surveillance solution.

#### Trust A Market Leader

*Leveraging Years of Experience with Industrial Products.* Western Digital has delivered three generations of world-class industrial storage products, which has helped shape its first microSD card designed and branded for surveillance cameras.

#### Smart Storage Maintenance

*Card Health Monitoring.* In compatible cameras, card health monitoring capability allows you to get notified when it's time to service your WD Purple microSD card, so you can perform preemptive storage management.

#### Robust Storage, Indoors or Outdoors

*Supports -25°C to 85°C temperature range; humidity resistant.* Have peace of mind that this card is designed for continuous operation in extreme weather conditions and in a variety of climates.

#### Continuous Capture. Hours or Days.

*Capacities up to 64GB.* Wide range of capacities for different combinations of camera resolution, frame rate, recording duration, and event trigger configuration.

Specifications	64GB	32GB
Model number <sup>1</sup>	WDD064G1P0A	WDD032G1P0A
Formatted capacity <sup>2</sup>	64GB	32GB
Form factor	microSDXC™	microSDHC™
RoHS compliant <sup>3</sup>	Yes	Yes
<b>Product Features</b>		
Card Health Status Monitoring Functionality	Yes	Yes
<b>Performance</b>		
Sequential Read Performance (MB/s) up to	80	80
Sequential Write Performance (MB/s) up to	50	50
Speed Class	Speed Class 10 UHS Speed Class 1 (U1)	Speed Class 10 UHS Speed Class 1 (U1)
Endurance <sup>4</sup>	Up to 64 TBW	Up to 32 TBW
<b>Reliability</b>		
Limited warranty (years) <sup>5</sup>	2	2
<b>Environmental Specifications</b>		
Temperature (°C) Operating Storage	-25° to 85° -40° to 85°	-25° to 85° -40° to 85°

<sup>1</sup>Not all products may be available in all regions of the world.<sup>1</sup>

<sup>2</sup>As used for storage capacity, one gigabyte (GB) = one billion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate, megabyte per second (MB/s) = one million bytes per second. Performance will vary depending on your hardware and software components and configurations.

<sup>3</sup>WD storage products manufactured and sold worldwide after June 8, 2011, meet or exceed Restriction of Hazardous Substances (RoHS) compliance requirements as mandated by the RoHS Directive 2011/65/EU.

<sup>4</sup>TBW (terabytes written) values calculated using JEDEC client workload (JESD219) and vary by product capacity.

<sup>5</sup>2 years or Max Endurance (TBW) limit, whichever comes first. See support.wdc.com for regional specific warranty details.

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**For service and literature:**

<http://support.wdc.com>  
[www.wdc.com](http://www.wdc.com)

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CAN ICES-3 (B) / NMB-3 (B)

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