



## V300 series

### Introduction

Relying on the security background of Hikvision, we are committed to developing the four major businesses of solid state drives, memory cards, private network disks, and mobile storage, with a sound supply chain system and perfect after-sales process. On the technology side, V300 series adopts the advanced SSD controller and 3D NAND Flash, and coordinates with HIKVISION’s self-designed NAND Flash management firmware to ensure the read/write speed and data safety.

On the production side, V300 series adopts the good quality 3D NAND Flash and BGA , and is manufactured by the automatic production line. It has been tested according to the standard of video surveillance server, so that it offers better stability.

### Features

- High R/W Speed SATA interface

Max. read speed up to 565 MB/s

- 3D NAND Technology

3D NAND technology helps to develop higher capacity, performance, and stability

- Anti-shock and anti-fall

No mechanical structure, using electronic chip control, data more secure.

- Application Field

Applicable to personal computers, laptops, PS4, Vehicle, industrial control, etc.

### Ordering Information

Capacity	Model
V300 330G	SSDV04dCD10A330GBAA
V300 512G	SSDV04dCD20A512GBAA
V300 1024G	SSDV04dCD20A1024BAA
V300 1920G	SSDV04dCD30A1920BAA

#### Note

Please contact the local sales for detailed model information.

## Specification

Model	V300 series			
Capacity	330GB	512GB	1024GB	1920GB
Form Factor	2.5 inch			
Max. Seq. Read	565 MB/s	560 MB/s	560 MB/s	555 MB/s
Max. Seq. Write	480 MB/s	505 MB/s	520 MB/s	525 MB/s
Max. Ran 4 K Read (IOPS)	30 K	45 K	75 K	90 K
Max. Ran 4 K Write (IOPS)	75 K	75 K	75 K	75 K
Max. Power Consumption	1.2W	1.4W	1.9W	3.1W
TBW	86TB	126TB	264TB	528TB
MTBF	1,500,000 hours			
Storage Medium	3D QLC			
Interface	SATAIII			
Working Temperature	0 °C to 70 °C (32 °F to 158 °F)			
Storage Temperature	-40 °C to 85 °C (-40 °F to +185 °F)			
TRIM	Supports			
Warranty	3 years			
Weight	≤34.4g			

### Note

1. Specifications are subject to change without notice.
2. 1 MB=1,000,000Bytes, 1 GB=1,000,000,000Bytes, Unformatted Capacity. User accessible capacity may vary depending on operating environment and formatting.
3. Operating Temperature (0 °C ~70 °C) is subject to SSD's S.M.A.R.T. display.

## Revision History

Version	Description	Date
V1.0.0	V300 series	20211116
V1.0.1	Remove 1920G capacity, Document review official version	20211209
V1.0.2	TBW parameter update	20220527
V1.0.3	Add 1920G capacity	20230320

Data subject to change without notice.

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