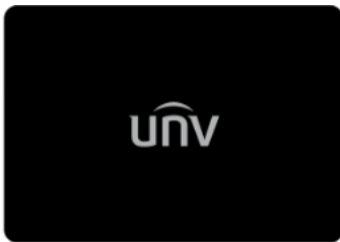


# SSD-512G-S3 U300 SSD

## Overview

U300 series SSD is a consumer-grade solid-state drive suitable for home-use, low-power and high-compatibility application scenarios. The SATA interface design makes the SSD compatible with a wide range of terminal devices including laptops, desktops, home all-in-one computers, etc.



Item	Description
Model	SSD-512G-S3
Description	512G SATA3 U300 SSD
Capacity	512GB
Storage media	3D TLC

Interface	SATA III
Dimensions	100mmx69.85mmx7mm (LxWxH)
Weight	Max 45g
Max sequential read	560MB/s
Max sequential write	510MB/s
Max random read (4KB)	49K IOPS
Max random write (4KB)	44K IOPS
Operating temperature	0°C to 70°C
Storage temperature	-40°C to 85°C
Operating humidity	≤90% RH (non-condensing)
MTBF	≥1500000 hours

## Ordering Information

Item	Remarks
SSD-512G-S3	Storage media-TLC-512G-U300 SSD-UNV