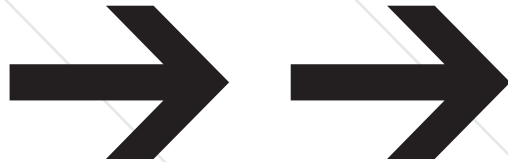


# Nuevo

*series SATA 6.0Gb/s SSD*

**SATA 6.0Gb/s Solid State Drive  
Datasheet**

# SPECIFICATIONS



## INTERFACE

SATA 6.0Gb/s

## CONTROLLER

Marvell 88SS9174

## PERFORMANCE (256GB MLC)

Read: Up to 520MB/s

Write: Up to 390MB/s

## FLASH TYPE

Support MLC

## PHYSICAL DIMENSION (L X W X H)

69.85mm x 100mm x 9.5mm

## OPERATING TEMPERATURE

Commercial: 0°C to +70°C

Industrial: -40°C to +85°C

# NUEVO 256GB (MLC)

## Product Specifications

ITEM	DRIVE STATUS
Form Factor	2.5" Standard
Interface	SATA 6.0Gb/s compatible with SATA II 3.0 Gb/s and SATA I 1.5Gb/s
Capacity	256GB
Seq. Read Speed	520MB/s
Seq. Write Speed	390MB/s
Ran. Read Speed	73K IOPS (4KB)
Ran. Write Speed	70K IOPS (4KB)
DRAM Cache	512MB
Controller	Marvel 88SS9174
Wear Leveling	Dynamic Wear Leveling
S.M.A.R.T.	Support
Password Protection	Support
NCQ Command	Support
TRIM Command	Support
Flash Memory	MLC Type

# NUEVO 128GB (MLC)

## Product Specifications

ITEM	DRIVE STATUS
Form Factor	2.5" Standard
Interface	SATA 6.0Gb/s
Capacity	128GB
Seq. Read Speed	520MB/s
Seq. Write Speed	200MB/s
Ran. Read Speed	71K IOPS (4KB)
Ran. Write Speed	51K IOPS (4KB)
DRAM Cache	256MB
Controller	Marvel 88SS9174
Wear Leveling	Dynamic Wear Leveling
S.M.A.R.T.	Support
Password Protection	Support
NCQ Command	Support
TRIM Command	Support
Flash Memory	MLC Type

# NUEVO 64GB (MLC)

## Product Specifications

ITEM	DRIVE STATUS
Form Factor	2.5" Standard
Interface	SATA 6.0Gb/s
Capacity	64GB
Seq. Read Speed	520MB/s
Seq. Write Speed	90MB/s
Ran. Read Speed	61K IOPS (4KB)
Ran. Write Speed	25K IOPS (4KB)
DRAM Cache	128MB
Controller	Marvel 88SS9174
Wear Leveling	Dynamic Wear Leveling
S.M.A.R.T.	Support
Password Protection	Support
NCQ Command	Support
TRIM Command	Support
Flash Memory	MLC Type