UPGRADE NOTEBOOK
PERFORMANCE
FAST
FLASH
UPGRADE
SOLID-STATE DRIVE
V+ SERIES
SSDNOW
SSD
SILENT
STORE
DESKTOP
MEMORY FLASH
NOTEBOOK
SECURE
SSDNOW
DURABLE
SOLID-STATE DRIVE
V+180
SSDNOW

SSD*Now* V+180

Increase performance and extend the life of existing systems.

Kingston® introduces its SSD*Now* V+180 solid-state drive to help consumers and organizations of all sizes enhance the performance and lifecycle of computers that have a microSerial ATA (SATA) interface.

SSD*Now* V+180 drives increase performance with impressive speeds. With higher read and write speeds than a standard mechanical hard disk drive (HDD), SSD*Now* V+180 allows for faster boot times and faster application loads than HDDs, ultimately making any user more productive.

The SSD*Now* V+180 is the ideal solid-state drive for power users, system builders, system integrators, and in corporate environments where efficiency and performance are important as more system resources are in use. It consumes less power and generates less heat than a traditional HDD, at a fraction of the cost of a new system. With no moving parts, it can handle demanding conditions and thus is perfect for road warriors and those who push the limits of their notebooks.

Available in capacities up to 256GB, SSD*Now* V+180 is backed by a three-year warranty and legendary Kingston reliability.

> 1.8" form factor for ultra-portable notebooks
> Boosts performance, multi-tasking and efficiency

Kingston
TECHNOLOGY

SSD*Now* V+180

FEATURES/BENEFITS

> **Innovative** — uses MLC NAND Flash memory components

> **Silent** — runs silent and cool with no moving mechanical parts

> **Shock-Resistant** — no moving mechanical parts means the SSD handles rougher conditions

> **Supports TRIM** — enhances device wear leveling by eliminating merge operation for all deleted data blocks

> **Supports S.M.A.R.T. functions**

> **Guaranteed** — three-year warranty, free technical support

SPECIFICATIONS

> **Interface** microSATA 1.5 Gb/sec. and 3.0 Gb/sec.

> **Capacities**[1] 64GB, 128GB, 256GB

> **Sequential Read Throughput**[2] 230MB/sec.

> **Sequential Write Throughput**[2] 180MB/sec.

> **Cache** 128MB onboard cache

> **Form factor** 1.8"

> **Storage Temperatures** -40 ~ 85°C

> **Operating Temperatures** 0 ~ 70°C

> **Dimensions** 54 x 78.5 x 5 mm

> **Weight** 48 grams

> **Vibration Operating** 2.7G

> **Vibration Non-operating** 20G

> **Power Specs** 2.9 W active / 47 mW Idle

> **Life Expectancy** 1,000,000 Hrs MTBF

> **Operating Shock** 1500G

KINGSTON PART NUMBERS

SVP180S2/64G

SVP180S2/128G

SVP180S2/256G

This SSD is designed for use in desktop and notebook computer workloads, and is not intended for Server environments.

1 Please note: Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash memory Guide at kingston.com/flash_memory_guide.

2 Speed may vary due to host hardware, software and usage.

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