

Kingston Technology

Kingston SSDNow V+ 100E - Solid state drive - 256 GB - internal - 2.5" - SATA-300 - buffer: 128 MB



Kingston introduces its SSDNow V+ 100E drive with full-disk 128-bit AES hardware-based encryption to protect all data stored on the drive. Kingston SSDNow drives increase performance with impressive speeds, resulting in faster boot times and application loads to make users more productive. SSDNow V+ 100E is the ideal solid-state drive upgrade for any security-conscious environment in which efficiency and performance are important. It consumes less power and generates less heat than a traditional hard disk drive - all at a fraction of the cost of a system. With no moving parts, it can handle demanding conditions and resists shock and vibration. In addition to its AES hardware-based encryption, SSDNow V+ 100E supports ATA normal secure erase, to completely destroy selected data and ensure that data blocks are wiped clean. SSDNow V+ 100E features client-based security and there's no performance degradation from its hardware encryption, when compared to software encryption.

Product Description	Kingston SSDNow V+ 100E - solid state drive - 256 GB - SATA-300
Type	Solid state drive - internal
Form Factor	2.5"
Dimensions (WxDxH)	7 cm x 10 cm x 1 cm
Weight	128 g
Capacity	256 GB
Interface Type	Serial ATA-300
Buffer Size	128 MB
Manufacturer Warranty	3 years warranty

Extended Specs

General

Device Type	Solid state drive - internal
Width	7 cm
Depth	10 cm
Height	1 cm
Weight	128 g

Hard Drive

Form Factor	2.5"
Capacity	256 GB
Interface Type	Serial ATA-300
Buffer Size	128 MB
Features	Shock resistant, Hardware Full Disk Encryption (FDE), multi-level cell (MLC) flash, TRIM support
Compliant Standards	S.M.A.R.T., 128-bit AES

Performance

Internal Data Rate	230 MBps (read) / 180 MBps (write)
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Reliability

MTBF	1,000,000 hour(s)
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Expansion / Connectivity

Interfaces	1 x Serial ATA-300
Compatible Bays	1 x internal - 2.5"

Manufacturer Warranty

Service & Support	3 years warranty
Service & Support Details	Limited warranty - 3 years

Environmental Parameters

Min Operating Temperature	0 C
Max Operating Temperature	70 C
Vibration Tolerance	20 g @ 20-2000 Hz (non-operating)



* Computer 2000 is not responsible for any errors in the documentation of products