

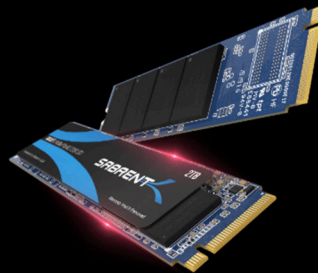
# ROCKET NVMe



The Next-Gen SSD

## EXCEPTIONAL PERFORMANCE

The Sabrent NVMe USB 3.1 External Aluminum SSD delivers all the advantages of flash disk technology with PCIe Gen3 x4 interface and it is fully compliant with the standard Next Generation Form Factor (NGFF), commonly known as M.2.



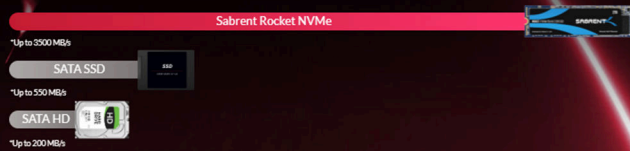
## UNMATCHED RELIABILITY

Power consumption is much lower than traditional hard drives. Supports SMART and TRIM commands. Supports ONFI 2.3, ONFI 3.0, ONFI 3.2 and ONFI 4.0 interface. Advanced Wear Leveling, Bad Block Management, and Over-Provision.



## THE FASTEST SPEED

Upgrade your laptop or desktop with the Sabrent Rocket SSD for a fast and reliable solution for typical use such as web browsing, email, casual gaming and video entertainment.





# TECH SPECS

Rocket NVMe SSD Features

Superior Build Quality

High Capacity

Fast Read/Write

Shock Resistant

Model #	SB-ROCKET-256	SB-ROCKET-512	SB-ROCKET-1TB	SB-ROCKET-2TB	SB-ROCKET-4TB
Capacity	256GB	512GB	1TB	2TB	4TB
Interface	PCIe Gen3 x4	PCIe Gen3 x4	PCIe Gen3 x4	PCIe Gen3 x4	PCIe Gen3 x4
NAND	B/CSS3/B/CSS4/B16	B/CSS3/B/CSS4/B27	B/CSS3/B/CSS4/B27	B/CSS3/B/CSS4/B27	B/CSS4
CTL	E12/E12S	E12/E12S	E12/E12S	E12/E12S	E12S
Certifications	CE,FCC,BSMI,RoHS	CE,FCC,BSMI,RoHS	CE,FCC,BSMI,RoHS	CE,FCC,BSMI,RoHS	CE,FCC,BSMI,RoHS
Max Sequential Read	3100 (MB/s)	3400 (MB/s)	3400 (MB/s)	3400 (MB/s)	3450 (MB/s)
Max Sequential Write	1050 (MB/s)	2000 (MB/s)	3000 (MB/s)	2700 (MB/s)	3000 (MB/s)
Rndm 4K QD32 (IOPS) Read	167K	357K	650K	490K	580K
Rndm 4K QD32 (IOPS) Write	256K	456K	640K	510K	650K
Power Consumption R/W	5.1 / 3.1	5.4 / 4.0	6.6 / 5.3	5.7 / 5.4	8.0 / 6.8
Power Supply	3.3V	3.3V	3.3V	3.3V	3.3V
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Height	2.35mm	2.35mm	3.7mm	3.7mm	3.7mm
Width	22mm	22mm	22mm	22mm	22mm
Length	80mm	80mm	80mm	80mm	80mm
Operating Temperature	0~70C	0~70C	0~70C	0~70C	0~70C
Storage Temperature	-40~85C	-40~85C	-40~85C	-40~85C	-40~85C
MTBF	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000
Shock Resistant	1500G	1500G	1500G	1500G	1500G
Data Correction	LDPC	LDPC	LDPC	LDPC	LDPC
Warranty	5 years with registration	5 years with registration	5 years with registration	5 years with registration	5 years with registration

