



# A811

## M.2 2230 PCIe

**3D NAND**
**HMB**
**NVMe 1.4**

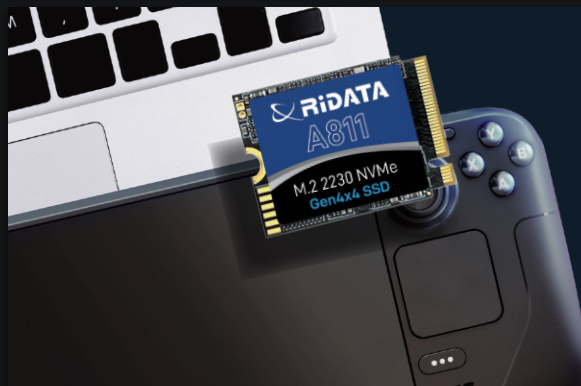
## Unbeatable Speed And Performance

Elevate your gaming and productivity to new heights with the RiDATA A811, designed to keep up with your most demanding tasks and ensure a seamless experience.

**READ SPEEDS UP TO**
**5000 MB/s**
**WRITE SPEEDS UP TO**
**3500 MB/s**

## Elevate Your System, Transform Your Experience

Equipped with an advanced **SLC cache** algorithm, **HMB tech** (Host Memory Buffer), and cutting-edge **LDPC** (Low Density Parity Check Code) error correction mechanism, this RiDATA A811 elevates your system's loading speeds, data caching efficiency, and transmission stability to new heights.



## Seamless Integration for Related Devices

With RiDATA A811 ultra-compact form factor seamlessly fits into your Steam Deck, ASUS ROG Ally, and any M.2 2230 compatible laptops, ensuring you're always ready for action.



DIY SSD Enclosure



Gaming Handheld



Ultrabook



Laptop

## PCIe 4.0

Gen 4x4 Interface  
Backward compatible with PCIe3.0.



## Start your Gaming Journey



The dynamic cache technology supercharges game loading and download speeds, drastically reducing wait times. Say goodbye to lag and hello to seamless, uninterrupted gameplay.

	Performance Read(max.)	Performance Write(max.)
<b>500GB</b>	4700MB/s	1700MB/s
<b>1TB</b>	5000MB/s	3500MB/s
<b>2TB</b>	5000MB/s	3500MB/s

\*Performance may vary depending on SSD capacity, test platform, test software, operating system, and other system variables.

Capacity	500GB/1TB/2TB
Form factor	M.2/2230
Compliance	NVMe 1.4
Dram Cache	No
SLC Caching	Yes
Certification	RoHS, CE, FCC, BSMI
Warranty	5-Year Limited Warranty