M.2 SSD Requirement For PS5
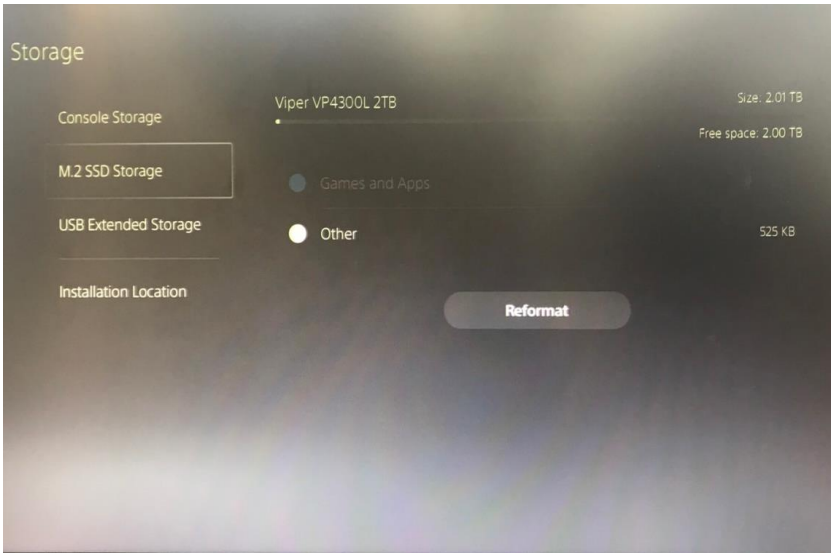
VIPER GAMING

	PlayStation 5	VP4300	VP4300 Lite	P400
Capacity	250GB-4TB	1TB-2TB	1TB-2TB	512GB-2TB
Interface	PCIe Gen4 x 4 M.2 NVMe	PCIe Gen4 x4 M.2 NVMe	PCIe Gen 4 x 4 M.2 NVMe	PCIe Gen 4 x 4 M.2 NVMe
Sequential Read	5,500MB/s or Above	Read/Write 7,400/6,800MB/s(PC) Read 6,300MB/s (PS5)	Read/Write 7,400/6,400MB/s(PC) READ 6,100MB/s (PS5)	Read/Write 5,000/4,800MB/s(PC) Read 5,000MB/s (PS5)
Socket Type	Socket 3 (PCIe x 4 & M KEY)	PCIe Gen4 x4, M Key	PCIe Gen4 x4, M Key	PCIe Gen4 x 4, M Key
M.2 SSD Format	Single-Sided / Double-Sided	Single-Sided	Single-Sided	Single-Sided
Slot Form Factor	2230/2242/2260/2280/22110	2280	2280	2280
Length	30mm, 42mm, 60mm, 80mm, 110 mm	80mm	80mm	80mm
Width	< 25mm	22mm	22mm	22mm
Height	< 11.25mm	2.05mm	2.05mm	2.05mm
Cooling Structure Installation Space	Effective Heat Dissipation Built-in Heatsink / Self-attaching Heatsink < 110mm*25mm*11.25mm (L*W*H)	Optional Heatsink For Dissipation < 72mm*22mm*5.09mm (L*W*H)	Optional Heatsink For Dissipation < 68mm*20mm*1.1mm (L*W*H)	Optional Heatsink For Dissipation < 68mm*20mm*1.1mm (L*W*H)

VP4300 / VP4300 Lite / P400 Performance Test on PS5

	VP4300	VP4300 Lite	Patriot P400
Performance	Pass	Pass	Pass
Boot Game Check	Pass	Pass	Pass
Thermal Check	Pass	Pass	Pass
Identify Check	Pass	Pass	Pass
Format Check	Pass	Pass	Pass
Migration Data Check	Pass	Pass	Pass

VP4300 Lite Performance Screenshot on PS5

Identify Check

Storage

Console Storage

M.2 SSD Storage

USB Extended Storage

Installation Location

Viper VP4300L 2TB

Size: 2.01 TB

Free space: 2.00 TB

Games and Apps

Other

525 KB

Reformat

Performance Check

M.2 SSD Storage

The read speed of your M.2 SSD is as follows.

If you experience problems while playing a game installed in M.2 SSD storage, try installing it in console storage.

Read speed

6262 MB/s