

# Boot Performance Boost NVMe WD SN750 vs NVMe Samsung EVO 970 PLUS

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Nur zur Info!

Zu Trim und Bootzeiten steht ja auch etwas Interessantes im Dortania [Anti-Hackintosh Buyers Guide!](#)

## Storage

Storage is a section that can be quite confusing as there a lot of mixed reports regarding PCIe/NVMe based devices, many of these reports are based off old information from back when PCIe/NVMe drives were not natively supported like block size mattering or require kexts/.efi drivers. Well, High Sierra brought native support for these types of drives but certain ones still do not work and can cause instability if not removed/blocked out at an ACPI level.

The other big issue surrounds all Samsung NVMe drives, specifically that they're known to slow down macOS, not play well with TRIM and even create instability at times. This is due to the Phoenix controller found on Samsung drives that macOS isn't too fond of, much preferring the Phison controller found in Sabrent Rocket drives and Western Digital's in-house controllers(WD SN750). The easiest way to see this is with boot up, most systems running Samsung drives will have extra long boot times and have their drives run hotter due to the software TRIM failing(hardware TRIM still should be enabled but no partiality). Also some older Intel drives and Kingston NVMe drives also experience these issues.