

# **X299 Tutorial - ASUS WS X299 SAGE/10G (Hilfe und Diskussionen)**

**Beitrag von „DSM2“ vom 26. Mai 2020, 07:44**

The patching tool and process is described here, it's necessary for newer Bios Versions and also Cascade Lake CPU Boards.

[Cascade Lake X Board ? Cascade Lake Refresh Firmware macht Probleme mit macOS? Kein Thema!](#)

But I still have to update the guide... The update will be a big one.

My 3101 patched Bios runs perfectly fine on my Sage 10G Build but I heard about the problems some people have.

About the broken MSR and some other issues:

I reported this to ASUS more than 11 months ago since other Mainboards by Asus had this issues already earlier and still no fix out.

I don't understand why it takes so long!

I send them a complete description and mentioned what exactly the problem is and how to fix it.

The new patches integrated in UEFIPatch don't do anything different than disable those values I told ASUS but then for ever.

But I am happy about the fact that Asus decided to remove the lock completely on Z490. So don't wonder if you don't see the bios setting for unlocking. It's factory unlocked now. Maybe it will be the same with the newer Bios Versions on other Asus Boards as well. We will see!