








Rolling Linux Distro Recommendations (NVIDIA & Secure Boot Friendly)

Selection Criteria

- Rolling or near-rolling cadence for up-to-date hardware enablement
- Proven proprietary NVIDIA driver support without manual DKMS drama
- Secure Boot (SB) works out-of-the-box or with one guided MOK enrolment
- Large package repositories or easy access to community packaging
- Minimal day-to-day maintenance

Short-List (ranked)

Rank	Distro / Spin	Secure Boot Status	NVIDIA Driver Path	Hassle Index (1 = minimal)	Notes
1	openSUSE Tumbleweed / Aeon	 Green – shim + YaST guided MOK	Repo-built signed modules	1	Reference “stable-rolling” experience
2	Nobara Project (Fedora remix)	 Green – inherits Fedora shim, pre-installed driver	Auto-signed akmods	1-2	Ideal gaming test root
3	Siduction (Debian Sid)	 Green – Debian shim + DKMS auto-sign	 DKMS	2	Pure rolling; snapshots mitigate risks
4	Pop!_OS (NVIDIA ISO)	 Yellow – System76 shim, helper script for re-sign	Pre-installed driver	2-3	Best Optimus UX; Ubuntu base
5	Manjaro (stable)	 Orange – community shim, manual key	Pre-built nvidia-open/dkms; manual sign	3	AUR depth vs SB friction
6	NixOS unstable	 Orange – sbctl module, manual first run	Declarative rebuild + user hook	4	For experimentation only

Dropped: Solus, Void, pure Debian Testing – weaker SB or NVIDIA stories.

Recommended Partition Strategy

Root Slot	Purpose	Suggested Distro
Work (primary)	Daily driver, lowest maintenance	openSUSE Tumbleweed (or Aeon)
Test #1	Gaming-centric experimentation	Nobara Project
Test #2	Rolling Debian experience	Siduction
Optional Tests	Optimus convenience or declarative tinkering	Pop!_OS, Manjaro, NixOS

Secure Boot Workflow Cheatsheet

Task	openSUSE / Nobara	Siduction	Manjaro	NixOS
First enrolment	YaST / GNOME Software MOK dialog	<code>mokutil --import key.der</code>	Manual shim + key	<code>sbctl enroll-keys</code>
Kernel updates	Already signed	Already signed	Already signed	sbctl hook
NVIDIA updates	Auto-signed repo module	Auto-signed akmods	<code>dkms install && sign-file</code>	User hook

TL;DR

Stay on **Tumbleweed/Aeon** for the main root, pair it with **Nobara** (and optionally **Siduction**) for your experimental partition. You gain top-tier NVIDIA performance *and* a Secure Boot process that won't derail your workflow.