

NVIDIA Contributes Re-Clocking Code To Nouveau For The GK20A

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One of the biggest challenges with the Nouveau open-source graphics driver for NVIDIA graphics hardware in recent times has been with regard to GPU / video memory re-clocking. As a minor step forward, NVIDIA has contributed re-clocking patches for the GK20A graphics processor.

Re-clocking has long been a big challenge for the Nouveau driver to obtain maximum graphics performance while also maintaining optimal performance-per-Watt and being efficient while idling. With the Linux 3.16 kernel for select generations of GPUs is faster performance but it can be buggy while now today for Tegra K1 owners NVIDIA has come to the table with re-clocking code for the "GK20A" GPU found within this high-end NVIDIA ARM SoC.

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