

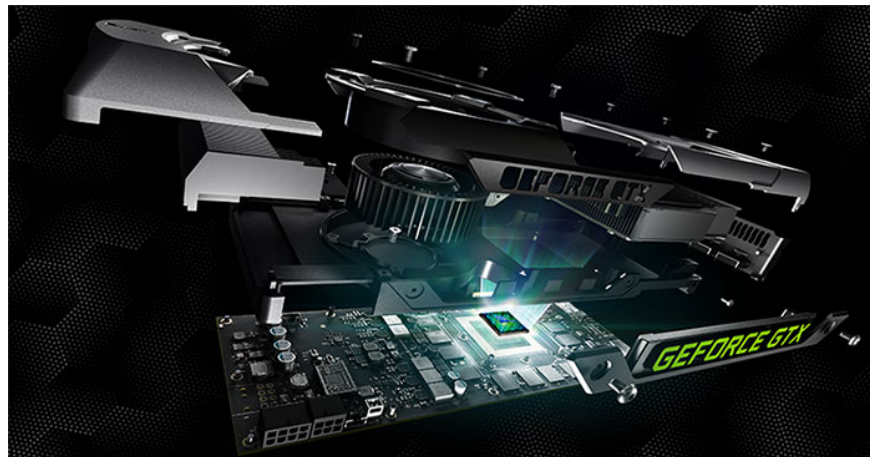
NVIDIA stops driver support for Maxwell, Pascal, Volta – GTX 1080 Ti officially enters legacy list

NVIDIA launches GeForce 590 driver, ending Game Ready Driver support for Maxwell, Pascal, and Volta GPUs – including the GTX 1080 Ti. Turing, Ampere, Ada Lovelace, and Blackwell will be the only architectures that continue to receive game optimizations.

NVIDIA has just released its first GeForce 590 driver, marking an important milestone: ending **Game Ready Driver (GRD)** support for Maxwell, Pascal, and Volta GPUs.

NVIDIA had previously hinted that GPUs based on these three architectures would stop receiving GRD updates after the 580 driver branch. And that officially became true when the 590 branch was released, only supporting GPUs from the **GeForce 16 series and above, namely the Turing, Ampere, Ada Lovelace, and Blackwell architectures** . On Linux, the company also made a similar move.

This doesn't mean older GPUs will be completely 'abandoned'. NVIDIA says they will be moved to a **legacy** driver branch , where they will continue to receive necessary security patches and updates. However, users with GPUs from before the GeForce 16/20 era will no longer receive performance optimizations for new games.



The list of GPUs supported in the GeForce 590+ driver branch is long, ranging from Blackwell (RTX 50), Ada Lovelace (RTX 40), Ampere (RTX 30) to Turing (RTX 20 and GTX 16), on both desktop and laptop versions. This also means that **the GeForce 16 series** will be the last GTX series to continue receiving **Game Ready Drivers** .

Table 1: GPU Support for NVIDIA Driver Branch 590+ (Desktop)

GPU Name	Architecture
GeForce RTX 5090	Blackwell
GeForce RTX 5090 D	Blackwell
GeForce RTX 5090 D v2	Blackwell
GeForce RTX 5080	Blackwell
GeForce RTX 5070 Ti	Blackwell
GeForce RTX 5070	Blackwell
GeForce RTX 5060 Ti	Blackwell
GeForce RTX 5060	Blackwell
GeForce RTX 5050	Blackwell
GeForce RTX 4090	Ada Lovelace
GeForce RTX 4090 D	Ada Lovelace
GeForce RTX 4080 SUPER	Ada Lovelace
GeForce RTX 4080	Ada Lovelace
GeForce RTX 4070 Ti SUPER	Ada Lovelace
GeForce RTX 4070 Ti	Ada Lovelace
GeForce RTX 4070 SUPER	Ada Lovelace
GeForce RTX 4070	Ada Lovelace
GeForce RTX 4060 Ti (16GB)	Ada Lovelace
GeForce RTX 4060 Ti (8GB)	Ada Lovelace
GeForce RTX 4060	Ada Lovelace
GeForce RTX 3090 Ti	Ampere
GeForce RTX 3090	Ampere
GeForce RTX 3080 12GB	Ampere
GeForce RTX 3080	Ampere
GeForce RTX 3080 Ti	Ampere
GeForce RTX 3070	Ampere
GeForce RTX 3070 Ti	Ampere
GeForce RTX 3060	Ampere
GeForce RTX 3060 Ti	Ampere
GeForce RTX 3060 8GB	Ampere
GeForce RTX 3050	Ampere
GeForce RTX 3050 OEM	Ampere
GeForce RTX 3050 6GB	Ampere
TITAN RTX	Turing
GeForce RTX 2080 SUPER	Turing
GeForce RTX 2070 SUPER	Turing
GeForce RTX 2060 SUPER	Turing

GPU Name	Architecture
GeForce RTX 2080 Ti	Turing
GeForce RTX 2080	Turing
GeForce RTX 2070	Turing
GeForce RTX 2060 12GB	Turing
GeForce RTX 2060	Turing
GeForce RTX 2060	Turing
GeForce GTX 1660 Ti	Turing
GeForce GTX 1660 Ti	Turing
GeForce GTX 1660 Ti	Turing
GeForce GTX 1660 Ti	Turing
GeForce GTX 1660 Ti	Turing

GPU Support for NVIDIA Driver Branch 590+ (Mobile/Laptop)

GPU Name	Architecture
GeForce RTX 5090	Blackwell
GeForce RTX 5080	Blackwell
GeForce RTX 5070 Ti	Blackwell
GeForce RTX 5060	Blackwell
GeForce RTX 5050	Blackwell
GeForce RTX 4090	Ada Lovelace
GeForce RTX 4080	Ada Lovelace
GeForce RTX 4070	Ada Lovelace
GeForce RTX 4060	Ada Lovelace
GeForce RTX 4050	Ada Lovelace
GeForce RTX 3080 Ti	Ampere
GeForce RTX 3080	Ampere
GeForce RTX 3070 Ti	Ampere
GeForce RTX 3070	Ampere
GeForce RTX 3060	Ampere
GeForce RTX 3050	Ampere
GeForce RTX 3050 Ti	Ampere
GeForce RTX 2080 SUPER	Turing
GeForce RTX 2080 SUPER	Turing
GeForce RTX 2080	Turing
GeForce RTX 2070	Turing
GeForce RTX 2060	Turing
GeForce GTX 1660 Ti	Turing

GPU Name	Architecture
GeForce GTX 1650	Turing
GeForce MX450	Turing

T??ng lai c?a driver GRD s? t?p trung v?o b?n th? h? ki?n tr?c m?i: **Turing, Ampere, Ada Lovelace v? Blackwell**. Nh?ng ai v?n ?ang trung th?nh v?i Pascal hay Maxwell c?n c?n nh?c n?ng c?p n?u mu?n ti?p t?c ?? c h??ng c?c t?i ?u game hi?n ??i.

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