

Compute capability of NVIDIA GPUs

Compute capabilities of various NVIDIA GPUs. Higher the Compute capability, costlier the GPU is.

GeForce and TITAN Products

GPU	Compute Capability
GeForce RTX 4090	8.9
GeForce RTX 4080	8.9
GeForce RTX 4070 Ti	8.9
GeForce RTX 4060 Ti	8.9
GeForce RTX 3090 Ti	8.6
GeForce RTX 3090	8.6
GeForce RTX 3080 Ti	8.6
GeForce RTX 3080	8.6
GeForce RTX 3070 Ti	8.6
GeForce RTX 3070	8.6
GeForce RTX 3060 Ti	8.6
GeForce RTX 3060	8.6
GeForce GTX 1650 Ti	7.5
NVIDIA TITAN RTX	7.5
GeForce RTX 2080 Ti	7.5

GeForce Notebook Products

GPU	Compute Capability
GeForce RTX 4090	8.9
GeForce RTX 4080	8.9
GeForce RTX 4070	8.9
GeForce RTX 4060	8.9
GeForce RTX 4050	8.9
GeForce RTX 3080 Ti	8.6
GeForce RTX 3080	8.6
GeForce RTX 3070 Ti	8.6
GeForce RTX 3070	8.6
GeForce RTX 3060 Ti	8.6
GeForce RTX 3060	8.6
GeForce RTX 3050 Ti	8.6
GeForce RTX 3050	8.6
GeForce RTX 2080	7.5
GeForce RTX 2070	7.5

NVIDIA TITAN RTX	7.5	GeForce RTX 2080	7.5
GeForce RTX 2080 Ti	7.5	GeForce RTX 2070	7.5
GeForce RTX 2080	7.5	GeForce RTX 2060	7.5
GeForce RTX 2070	7.5	GeForce GTX 1080	6.1
GeForce RTX 2060	7.5	GeForce GTX 1070	6.1
NVIDIA TITAN V	7.0	GeForce GTX 1060	6.1
NVIDIA TITAN Xp	6.1	GeForce GTX 980	5.2
NVIDIA TITAN X	6.1	GeForce GTX 980M	5.2
GeForce GTX 1080 Ti	6.1	GeForce GTX 970M	5.2
GeForce GTX 1080	6.1	GeForce GTX 965M	5.2
GeForce GTX 1070 Ti	6.1	GeForce GTX 960M	5.0
GeForce GTX 1070	6.1	GeForce GTX 950M	5.0
GeForce GTX 1060	6.1	GeForce 940M	5.0
GeForce GTX 1050	6.1	GeForce 930M	5.0
GeForce GTX TITAN X	5.2	GeForce 920M	3.5
GeForce GTX TITAN Z	3.5	GeForce 910M	5.2
GeForce GTX TITAN Black	3.5	GeForce GTX 880M	3.0
GeForce GTX TITAN	3.5	GeForce GTX 870M	3.0
