

Work, Play, Create with Record 100+ New NVIDIA GeForce-Powered Laptops

Designs Include New GeForce RTX SUPER GPUs and Max-Q Technologies; Starting at \$999

SANTA CLARA, Calif., April 02, 2020 -- NVIDIA today announced that its global OEM partners are bringing out more than 100 new thin, light and fast laptop models, all powered by NVIDIA GeForce® GPUs, including the just-launched GeForce RTX 2080 SUPER™ and 2070 SUPER GPUs for laptops.

The record-size launch also includes a range of RTX 2060-powered laptops starting at just \$999. The new platforms are all based on the NVIDIA Turing™ architecture, which incorporates dedicated hardware cores to process ray tracing and AI in real time, delivering increased performance and enhanced visual fidelity for today's hottest games and major content creation applications.

Many of the models are offered in [Max-Q](#) configurations, an NVIDIA technology enhanced with new features providing the absolute fastest performance and highest efficiency in a mobile platform.

"A little more than 18 months ago, NVIDIA reinvented graphics with real-time ray tracing, which represents a seismic shift in how games look, play and feel," said Jeff Fisher, senior vice president of gaming at NVIDIA. "Having this technology available in a laptop for just \$999 is amazing. And thanks to Max-Q, consumers will have a selection of remarkably thin and light laptops to choose from across all price points."

New Max-Q Technologies: Even Thinner, Lighter and More Efficient Laptops

When introduced a few years ago, NVIDIA Max-Q technology transformed gaming laptops, creating a new class of particularly potent portables lighter, thinner and more power-efficient than anything seen before. New advancements to Max-Q are now doubling that efficiency over previous designs and introducing features that enable faster performance and longer battery life:

- **Dynamic Boost** -- Intelligently and automatically balances power between the GPU and CPU on a per-frame basis, boosting overall in-game performance. Dynamic Boost is automatic, adaptive and always working to deliver more performance without increasing system power consumption.
- **Low-Voltage GDDR6** -- NVIDIA has worked with its memory partners to increase memory efficiency while delivering high performance with new lower voltage GDDR6 memory.
- **Advanced Optimus** -- A breakthrough display innovation that delivers long battery life and immersive, stutter-free gameplay from NVIDIA G-SYNC® technology. Advanced Optimus® controls which GPU is driving the display and intelligently determines the right GPU for the right workload at the right time, dynamically switching on the fly without needing a system reboot. The new lineup of Lenovo™ Legion™ laptops are the world's first to feature this groundbreaking technology.
- **Next-Generation Regulator Efficiency** -- Next-generation voltage regulators help optimize system design so the GPU runs more efficiently while delivering higher overall performance.
- **Deep Learning Super Sampling 2.0** -- Powered by dedicated AI processors on RTX GPUs called Tensor Cores, DLSS 2.0 is an improved deep learning neural network that boosts frame rates while generating beautiful, sharp images for games. It boosts a game's performance headroom while maximizing ray-tracing settings with increased output resolution and extending battery life by up to 20 percent.

RTX Studio Empowers Creators with New Laptops

NVIDIA also announced 10 new RTX Studio laptops, powered by RTX SUPER GPUs and the latest Intel 10th-generation processors. Available from Acer, Gigabyte, MSI and Razer, the laptops are the ultimate solution for creators seeking unmatched video and 3D performance.

More than 45 of the top creative applications -- such as Adobe Premiere Pro, DaVinci Resolve, AutoDesk Arnold, Blender and many more -- all feature [RTX acceleration](#) by the RT Cores in RTX GPUs. More information on RTX Studio Laptops is available at <https://www.nvidia.com/en-us/design-visualization/creators/products/>.

Pricing and Availability

Availability of new RTX Gaming and Studio laptops starts the week of April 15th from multiple partners globally, with more coming in May. Specific SKUs, configurations and pricing will vary based on region and partner availability but will include designs from Acer, ASUS, Clevo, Dell, Gigabyte, HP, Lenovo, MSI, Razer and more.

RTX 2060-powered laptops starting at \$999 include the Acer Nitro 5, ASUS ROG Strix G15, HP Omen 15, MSI GF65 Thin, the Lenovo Legion Y540 and 5i and the MSI GF65 Thin, with more to be announced later.

For additional information about today's announcements, please visit: <https://www.nvidia.com/en-us/geforce/news/geforce-rtx-super-laptops>

About NVIDIA

NVIDIA's invention of the GPU in 1999 sparked the growth of the PC gaming market, redefined modern computer graphics and revolutionized parallel computing. More recently, GPU deep learning ignited modern AI — the next era of computing — with the GPU acting as the brain of computers, robots and self-driving cars that can perceive and understand the world. More information at <http://nvidianews.nvidia.com/>.

Certain statements in this press release including, but not limited to, statements as to the number of designs OEMs are launching with NVIDIA GPUs and its impact; NVIDIA GPU-powered laptops being brought to market and their price and availability; consumers having a selection of laptops to choose from and their benefits; the performance, benefits, impact, abilities and availability of laptops powered by NVIDIA GeForce GPUs, Max-Q technology and RTX Studio laptops; the applications featuring RTX GPUs; and the price and availability of RTX Gaming and Studio laptops are forward-looking statements that are subject to risks and uncertainties that could cause results to be materially different than expectations. Important factors that could cause actual results to differ materially include:

global economic conditions; our reliance on third parties to manufacture, assemble, package and test our products; the impact of technological development and competition; development of new products and technologies or enhancements to our existing product and technologies; market acceptance of our products or our partners' products; design, manufacturing or software defects; changes in consumer preferences or demands; changes in industry standards and interfaces; unexpected loss of performance of our products or technologies when integrated into systems; as well as other factors detailed from time to time in the most recent reports NVIDIA files with the Securities and Exchange Commission, or SEC, including, but not limited to, its annual report on Form 10-K and quarterly reports on Form 10-Q. Copies of reports filed with the SEC are posted on the company's website and are available from NVIDIA without charge. These forward-looking statements are not guarantees of future performance and speak only as of the date hereof, and, except as required by law, NVIDIA disclaims any obligation to update these forward-looking statements to reflect future events or circumstances.

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