Nemesis Gaming Laptop – RTX™ 2070 Super Max-Q

Sleek, Fast, Powerful

Nemesis brings top of the line performance making gameplay more immersive. The featured NVIDIA® GeForce RTX™ 2070 graphics card with Super Max-Q brings cutting edge performance making your graphics come to life. Turing architecture immerses you in incredible realism and performance in the latest games. The RTX combines real-time ray-tracing, AI, Deep Learning Super Sampling(DLSS) for cutting-edge hyper-realistic graphics. Running the graphics through the narrow bezel 144hz 15.6 IPS display attractively showcases your games.

Hours and Hours of Laptop Performance

Constructed in a magnesium alloy chassis for a thin, light but durable gaming laptop. The dual-fan cooling system gives maximum performance with minimal noise to keep cool and play longer. Gaming longer requires more power, Nemesis delivers up to 10 hours of battery life. Our new gaming laptop delivers amazing experiences because the design and build quality are fine-tuned for the gamer.

Premium Gaming Laptops

Simply NUC's Nemesis gaming laptop is a new design collaboration with Intel, who conducted research and spent hours interviewing groups of gamers, to learn more about the features and designs they valued most in a laptop. Our gaming laptop was developed to focus on features like the silent mechanical keyboard and connecting using WiFi 6 or Gigabit ethernet, enhancing every detail in your laptop. Fully customizable for up to 64GB RAM and two M.2 SSDs to keep all your content together.

Highlighted features
- 9th Gen Intel® Core i7-9750H
- NVIDIA® GeForce RTX™ 2070 Super Max-Q Graphics Card
- Two DDR4-2666 SO-DIMM Sockets
- M.2 Slot Supports PCIe or SATA SSDs
- Secondary M.2 Slot Supports PCIe SSDs
- HDMI 1.4, 4096x2304@30Hz, 3840@2160@60Hz
- Rear Thunderbolt 3 (DP and USB3.1)
- Intel® Wi-Fi 6 AX200
- Gigabit Ethernet
- Two Side USB 3.2 Gen1 Type A Ports
- Side USB 3.2 Gen2 Type A Port
- Side Headphone and Microphone Jacks
- SD Card Reader
- HD IR Camera with Windows Hello
- Black Magnesium Alloy Chassis
- 230 Watt Power Supply Adapter
- 6 cell – 94Whr, 10 hour battery life
- 15.6" Narrow Bezel, FHD, 144HZ IPS
- RGB Silent Mechanical Keyboard
- Extended Support Service options (1, 3-years)

Customization
- Supports DDR4 RAM 8GB-64GB
- Supports Primary M.2 PCIe and SATA SSD 128GB-8TB
- Supports Secondary M.2 PCIe SSD 128GB-8TB

Simply NUC Services
You can order this NUC in your various configurations, as well as your corporate OS Image loaded and ready to deploy.

Technical Specifications

Processor
- 9th Generation Intel® Core™ Core i7-9750H (2.6GHz Base, 4.5GHz Turbo, 6 Core, 12-Thread)

Storage Capabilities
- 1x M.2 22x80 PCIe or SATA SSD (up to 8TB)
- 1x M.2 22x80 PCIe SSD (up to 8TB)
- SD Card Reader

Audio
- 3.5mm Side Audio Out Jack
- 3.5mm Side Microphone In Jack

Video
- HD IR Camera with Windows Hello

Graphics
- NVIDIA® GeForce RTX™ 2070 With Super Max-Q Design 8GB DDR6
- Intel® UHD Graphics 630
- HDMI 1.4, 4096x2304@30Hz, 3840@2160@60Hz
- DP 1.2 (Via Type-C Port) up to 3 Displays Daisy-Chained, 4096x2304@60Hz

Peripheral Connectivity
- Gigabit RJ45 Ethernet
- Rear Thunderbolt 3 (incl. DP and USB 3.2)
- 1x Side USB 3.2 Gen2 Type A Port
- 2x Side USB 3.2 Gen1 Type A Ports
- Intel® Wi-Fi 6 AX200

Baseboard Power Requirements
- 230 Watt Power Supply Adapter
- 6 cell – 94Whr (>10 hr) with Fast Charging Support
- US Cord Included, Others Available

System Memory.
- Two DDR4-2666 SO-DIMM Sockets, 64GB Max

Service Features
- Extended Support Service (1, 3-years)

Mechanical Chassis Information
- 356.4mm x 233.6mm x 20.5mm (front) to 21.4mm (back)
- Silent Mechanical Keyboard per Key RGB Back Lighting, Glass Click Pad (US layout)
- 15.6" Narrow Bezel, FHD, 144HZ IPS 16:9 w/ 80% Screen to Body Ratio
- 1.85 kg (4.07lbs)

Certification and Regulations

Product Safety Regulations and Standards
- IEC 60950-1
- UL 60950-1
- EN 60950-1
- CAN/CSA-C22.2 No. 60950-1

Environment Operating Temp
- 0° C to +30° C
- Non-Condensing Humidity

Storage Temperature
- -40° C to +60° C

EMC/RF Regulations and Standards (Class B)
- FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E
- CISPR 32
- ICES-005
- EN 55035
- EN 55024
- EN 55032

Environmental Regulations
- RoHS Directive 2011/65/EU
- WEEE Directive 2012/19/EU

Certified Operating Systems
- Windows 10 64-bit (Pro & Home)