

LAPNM71- Nemesis Gaming Laptop

Sleek, Fast, Powerful

Nemesis brings top of the line performance making gameplay more immersive. The featured NVIDIA® GeForce RTX™ 2070 graphics card with 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 Graphics card
- 8GB DDR4-2666 (64GB Max)
- Dual M.2 SSDs (4TB Max)
- HDMI 1.4, 4096x2304@30Hz, 3840@2160@60Hz
- Rear Thunderbolt 3 (DP and USB3.1)
- Intel® Wi-Fi 6 AX200
- Gigabit Ethernet
- 2x side USB 3.1 gen1 type A ports
- Side USB 3.1 Gen2 type A
- Side headphone and microphone jacks
- SD Card Reader
- Magnesium Alloy (Black & Gunmetal)
- 230 Watt power supply adapter
- 6 cell – 94Whr, 10 hour battery life
- 15.6" Narrow Bezel, FHD, 144HZ IPS
- RGB Silent Mechanical Keyboard (US)
- Extended service warranty options (1, 3-years)



Customization

- Two DDR4 SO-DIMM Sockets
- 1x M.2 22x80 PCIe x4 NVMe
- 1x M.2 22x80 PCIe x4 NVMe or SATA SSD
- NVIDIA® GeForce RTX™ 2070 With Max-Q Design GDDR6 8GB or
- NVIDIA® GeForce® GTX 1660 Ti 6GB DDR6

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 (2.6 GHz Base, 4.5 GHz Turbo, 6 Core, 12-Thread)

Graphics

- NVIDIA® GeForce RTX™ 2070 With Max Q Design GDDR6 8GB or GeForce® GTX 1660 Ti 6GB DDR6
- HDMI 1.4, 4096x2304@30Hz, 3840@2160@60Hz
- DP 1.2 (through Type-C port) up to 3 displays daisy-chained, 4096x2304@60Hz
- Rear Thunderbolt 3 (incl. DP and USB3.1)

System Memory

- Two DDR4 SO-DIMM sockets, 64GB Max

Storage Capabilities

- 1x M.2 22x80 PCIe x4 NVMe (up to 2TB NVMe)
- 1x M.2 22x80 PCIe x4 NVMe or SATA SSD (up to 2TB NVMe)
- SD Card Reader

Peripheral Connectivity

- Gigabit RJ45 Ethernet
- Three Super-Speed USB 3.1 ports (1x Side USB 3.1 Gen2 type A and 2x side USB 3.1 gen1 type A ports)
- Intel® Wi-Fi 6 AX200

Service Features

- Extended service warranty options (1, 3-years)

Audio

- Side headphone and microphone jacks

Baseboard Power Requirements

- 230 Watt power supply adapter
- 6 cell – 94Whr (>10 hr) with Fast Charging Support
- US Cord included, others available

Mechanical Chassis Information

- 356.4 mm x 233.6 mm x 20.5 mm (front) to 21.4 mm (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

EMC/RF Regulations and Standards (Class B)

- CISPR 32
- FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E
- ICES-005
- EN 55035
- EN 55024
- EN 55032

Certified Operating Systems

- Windows 10 64-bit (Pro & Home)

Environment Operating Temp

- 0° C to +30° C
- Non-condensing Humidity

Storage Temperature

- -40° C to +60° C