

LAPPT71FB – Intel® Core™ i7 + GeForce RTX™ 3070

Sleek, Fast, Powerful

Platinum SNUC Book laptops from Simply NUC bring top of the line performance making your big ideas happen. With 11th Gen Intel® Core™ i7 processors and NVIDIA GeForce RTX 30-series graphics, the Platinum laptops power elite workstation experiences for engineers and content creators alike. Level up to boundary-breaking performance, and stunning graphics and display options—all in a thin (<22mm) and light (<2kg) design. And, rest assured, your Platinum workstation is backed by a 2-yr manufacturer's warranty that is second to none in the laptop industry.

Premium Workstation Laptop

Simply NUC's Platinum SNUC Book mobile workstation is a design collaboration with Intel, who conducted research and spent hours interviewing groups of engineers and content creators, to learn about the features they value most in a mobile workstation laptop. Our workstation was developed to focus on features like the silent optical keyboard and connecting using WiFi 6 or 2.5Gbps Ethernet, enhancing every detail in your laptop. And Platinum provides ample I/O, including Thunderbolt™ 4, three USB 3.2, and an HDMI 2.1 port to connect to all your peripherals.



Simply NUC Services

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

Hours and Hours of Performance

Platinum is constructed in a 15.6" magnesium alloy chassis with an FHD 240Hz display to power your most demanding content creation experiences. The dual-fan cooling system gives maximum performance with minimal noise to keep you cool and working longer. This workstation will keep up with your long days, delivering up to 10 hours of battery life while on-the-go. Customizable with your choice of OS and up to 64GB RAM and 16TB of storage to eliminate storage bottlenecks while building and training your deep learning models. Platinum is perfect for Ubuntu, Tensorflow, PyTorch, and many more machine learning and engineering applications.

Highlighted Features

- 11th Gen Intel® Core i7-11800H
- NVIDIA® GeForce® RTX™ 3070 Graphics Card
- Two DDR4-3200 SO-DIMM Sockets
- M.2 Slot Supports PCIe Gen4 SSDs
- Secondary M.2 Slot Supports PCIe Gen3 or SATA SSDs
- Rear Thunderbolt 4 (DP1.4b and USB 4)
- HDMI 2.1, 4K@120Hz
- Intel® Wi-Fi 6 AX201
- Bluetooth® 5.2
- 2.5Gb Ethernet
- Three USB 3.2 Gen2 Type-A Ports
- 3.5mm Stereo Headset Jack
- SDXC Slot
- Intel® HD Premium Audio
- HD IR Camera with Windows Hello
- Voice Assistant support for Cortana and Alexa
- Magnesium Alloy Chassis
- 230 Watt Power Supply Adapter
- 6 cell – 94Whr, 10 hour battery life
- 15.6" Narrow Bezel, FHD 240Hz, IPS display
- RGB Optical Mechanical Keyboard
- RGB Light Bar
- Performance Mode Button
- Extended Support Service options (1, 3-years)

Customization

- Supports DDR4 RAM 8GB-64GB
- Supports Primary M.2 PCIe Gen4 & Gen3 SSDs, 128GB to 8TB
- Supports Secondary M.2 PCIe Gen3 and SATA SSDs, 128GB to 8TB

Technical Specifications

<p>Processor</p> <ul style="list-style-type: none"> • 11th Generation Intel® Core™ Core i7-11800H (2.3GHz Base, 4.6GHz Turbo, 8 Core, 16 Thread, 45W) 	<p>Graphics</p> <ul style="list-style-type: none"> • NVIDIA® GeForce RTX™ 3070 with 8GB DDR6 • Intel® UHD Graphics • HDMI 2.1, 4K@120Hz, 8K@60Hz • DP 1.4b (Via Type-C Port) Supports up to Two 4K Displays 	<p>System Memory.</p> <ul style="list-style-type: none"> • Two DDR4-3200 SO-DIMM Sockets, 64GB Max
<p>Storage Capabilities</p> <ul style="list-style-type: none"> • 1x M.2 22x80 PCIe Gen 4 SSD (up to 8TB) • 1x M.2 22x80 PCIe Gen 3 SSD or SATA (up to 8TB) • SD Card Reader 	<p>Peripheral Connectivity</p> <ul style="list-style-type: none"> • 2.5 Gigabit RJ45 Ethernet • Rear Thunderbolt 4 (incl. DP1.4b and USB 4) • 2x Side USB 3.2 Gen2 Type-A Ports • 1x Side USB 3.2 Gen2 Type-A Port • Intel® Wi-Fi 6 AX201 • Bluetooth® v5.2 w/ Bluetooth® Audio Offload • Voice Assistant support for Cortana and Alexa 	<p>Service Features</p> <ul style="list-style-type: none"> • Extended Support Service (1, 3-years)
<p>Audio</p> <ul style="list-style-type: none"> • 3.5mm Side Stereo Headset Jack <p>Video</p> <ul style="list-style-type: none"> • HD IR Camera with Windows Hello 	<p>Baseboard Power Requirements</p> <ul style="list-style-type: none"> • 230 Watt Power Supply Adapter • 6 cell – 94Whr (>10 hr) with Fast Charging Support • US Cord Included, Others Available 	<p>Mechanical Chassis Information</p> <ul style="list-style-type: none"> • 357mm x 235mm x 21.65mm • Optical Mechanical Keyboard per Key RGB Back Lighting • Glass Click Pad • 15.6" Narrow Bezel, FHD, 240HZ IPS 16:9 • 1.94 kg (4.33lbs)

Certification and Regulations

<p>Product Safety Regulations and Standards</p> <ul style="list-style-type: none"> • IEC 60950-1 • UL 60950-1 • EN 60950-1 • CAN/CSA-C22.2 No. 60950-1 	<p>EMC/RF Regulations and Standards (Class B)</p> <ul style="list-style-type: none"> • FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E • CISPR 32 • ICES-005 • EN 55035 • EN 55024 • EN 55032 	<p>Environmental Regulations</p> <ul style="list-style-type: none"> • RoHS Directive 2011/65/EU • WEEE Directive 2012/19/EU
<p>Environment Operating Temp</p> <ul style="list-style-type: none"> • 0° C to +30° C • Non-Condensing Humidity <p>Storage Temperature</p> <ul style="list-style-type: none"> • -40° C to +60° C 		<p>Certified Operating Systems</p> <ul style="list-style-type: none"> • Windows 10 64-bit (Pro) • Various Linux Distros