intel.
nuc

Intel® NUC X15 Laptop Kit

Shatter Expectations

Push the limits with boundary-breaking performance and visuals in a remarkably thin and light design

intel. CORE i7

intel. CORE i5

NVIDIA GEFORCE RTX™

Overpower the Competition

Level up to boundary-breaking performance, game-changing discrete graphics, and stunning display options—all in a thin and light design. The 11th Gen Intel® Core™ processors in these laptops deliver the performance and responsiveness gamers demand, and NVIDIA GeForce RTX 3060/3070 graphics provide the power to rip through demanding games.

The three display options, including QHD 165 Hz, provide cinematic quality for visually intense gaming and content creation, and the five ports make it easy to connect every peripheral. The 15.6" laptops also feature a massive 94Whr battery and a PCIe Gen 4 SSD with four lanes to the CPU for high bandwidth and low latency.

With a two-year Intel warranty and high-end touches like the optical-mechanical keyboard, all on a chassis that weighs less than 2 kg, these laptops are ready to power elite experiences.

Intel NUC X15: Premium Thin and Light Laptop for High-Performance Gaming

Features

- 15.6" thin and light magnesium-alloy chassis
- 11th Gen Intel® Core™ i7/i5 processors
- NVIDIA GeForce RTX 3060/3070 graphics
- Narrow bezel, IPS 16:9 display with FHD 144 Hz or new FHD 240 Hz or QHD 165 Hz
- Up to 64 GB dual-channel DDR4-3200 memory
- Support for Intel® Extreme Memory Profile (Intel® XMP)
- PCIe Gen 4 SSD directly connected to CPU
- Thunderbolt™ 4 port, 3 USB 3.2 ports, full-size HDMI port
- Massive 94 Whr battery
- Optical-mechanical keyboard with silent switches and programmable per-key RGB backlighting
- Intel two-year warranty[1]

Ideal for

- Gaming
- Content creation
- Productivity

Intel® NUC X15 Laptop Kit

	C71EBF	C71EBG	C71FBG	C71FBF	C51EBB
Processor	11th Generation Intel® Core™ i7-11800H 2.3 GHz – 4.6 GHz Turbo, 8 core, 16 thread, 24 MB Cache, 45W Intel® UHD Graphics, 350 MHz – 1.45 GHz				11th Generation Intel® Core™ i5-11400H 2.7 GHz – 4.5 GHz Turbo, 6 core, 12 thread, 12 MB Cache, 45W Intel® UHD Graphics, 350 MHz – 1.45 GHz
Discrete Graphics	Nvidia GeForce RTX 3060		Nvidia GeForce RTX 3070		Nvidia GeForce RTX 3060
Memory	Dual channel DDR4-3200 SODIMMs, 64 GB maximum				
Display	Narrow Bezel IPS 16:9 ratio, QHD 165 Hz	Narrow Bezel IPS 16:9 ratio, FHD 240 Hz		Narrow Bezel IPS 16:9 ratio, QHD 165 Hz	Narrow Bezel IPS 16:9 ratio, FHD 144 Hz
Other Features and Technology	1 M.2 22x80 slot for PCIe x4 Gen4 NVMe and 1 M.2 22x80 slot for PCIe x4 Gen3 NVMe or SATA SSD Support for Intel® Optane™ Technology • Thunderbolt™ 4/USB 4 Type-C port with DisplayPort 1.4b connectivity • Full Size HDMI 2.1 port Intel® Wi-Fi 6 + Bluetooth® v5.2 w/ Bluetooth® Audio offload • 2.5 Gigabit Ethernet • SDXC slot • 3 USB 3.2 Gen2 Type-A ports 3.5mm stereo headset jack • Intel® HD Audio • HD IR Camera with support for Windows Hello Voice assistant support for Cortana and Alexa • Kensington Lock				
Keyboard/ Touchpad	Optical Mechanical Keyboard with silent switches and per key RGB Back Lighting 2.0 mm travel RGB Light Bar Glass Click Pad with Microsoft Precision Drivers • Performance Mode Button				
Geo-Specific Keyboard and Power Cord	US English keyboard, No Cord Nordic keyboard, EU cord	US English keyboard, No Cord	US English keyboard, No Cord Nordic keyboard, EU cord	US English keyboard, No Cord	US English keyboard, No cord Latin Spanish keyboard, US cord Nordic keyboard, EU cord
Chassis	15.6" Magnesium-Alloy Chassis in Black				
What's Needed	Memory, storage, and operating system				

Intel® NUC X15 Laptop Kit

Processors
- Intel® Core™ i7-11800H
  (2.3 GHz – 4.6 GHz Turbo, 8 core, 16 thread, 24 MB Cache, 45W, Intel® UHD Graphics, 350 MHz – 1.45 GHz)
- Intel® Core™ i5-11400H
  (2.7 GHz – 4.5 GHz Turbo, 6 core, 12 thread, 12 MB Cache, 45W, Intel® UHD Graphics, 350 MHz – 1.45 GHz)

System Memory
- Dual channel DDR4-3200 SODIMMs, 64 GB maximum

Storage Capabilities
- One M.2 22x80 slot for PCIe x4 Gen4 NVMe
- One M.2 22x80 slot for PCIe x4 Gen3 NVMe or SATA SSD
- Support for Intel® Optane™ Technology

Connectivity
- Full Size HDMI 2.1 port
- One Thunderbolt™ 4/USB 4 Type-C port with DisplayPort 1.4b Connectivity
- Three USB 3.2 Gen2 Type-A ports
- RJ-45 2.5 Gigabit Ethernet
- Intel® Wi-Fi 6 AX201, 802.11ax 2x2 2.4 Gbps
- Bluetooth® v5.2 w/ Bluetooth Audio offload
- SDXC slot

Keyboard & Touchpad
- Voice Assistant support for Cortana and Alexa
- Optical Mechanical Keyboard with per key RGB Back Lighting, 2.0mm travel
- RGB Light Bar
- Glass Click Pad with Microsoft Precision Drivers, disable/enable LED indicator
- Performance Mode Button

Display
- Narrow Bezel IPS 16:9 ratio, FHD 144 Hz and 240 Hz, and QHD 165 Hz options

Software Support
- NUC Software Studio
- NUC Audio Studio

Camera
- HD IR Camera with support for Windows Hello

Audio
- 3.5 mm stereo headset jack
- Intel® HD Audio

Operating System Compatibility
- Windows® 10

Security
- Kensington Lock

Hardware Management Features
- Support for Intel® Dynamic Tuning Technology
- Support for Modern Standby

Power Requirements
- 230W Power Adapter with geo-specific C13 AC cords

Battery
- 94 Whr Battery with fast charging support

Size
- 15.6" Magnesium-Alloy Chassis in Black
- 14.06" x 9.25" x 0.85"
- 357 mm x 235 mm x 21.65 mm

Weight
- <1.94 kg

System BIOS
- 256 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play
- Advanced configuration and power interface V6.2, SMBIOS 3.3
- Intel® Express BIOS update support

Environment Operating Temperature
- 0° C to +30° C

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

Safety Regulations and Standards
- IEC/EN/UL 60950-1
- IEC/EN/UL 62368-1

EMC/RF Regulations and Standards
- FCC Part 15B/15C/15E
- CISPR/EN 55032/55024
- ICES-003
- VCCI 32
- BSMI CNS 13438
- KN 32/35
- AS/NZS CISPR 32
- EN 300 328
- EN 301 893
- EN 300 440
- EN 301 489-1/17
- EN 62311
- AS/NZS 4268
- AS/NZS 2772.2
- ARPANSA

Environmental Regulations
- EU RoHS
- China RoHS
- Taiwan BSMI RoHS
- REACH

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