

# P360 Ultra

Simply NUC 12<sup>th</sup> Gen Workstation – NUC12UTv9



*Simply*NUC®



# P360 Ultra v9

Simply NUC 12th Gen Workstation – NUC12UTv9

## Upgrade Your Workflow with the Simply NUC P360 Ultra Workstation

With cutting-edge performance packed into a sleek design, the P360 Ultra features a high-performance 12th gen Intel Core i9-12900 vPro processor to power through even the most demanding tasks. With support for up to 128GB DDR5 memory with support for ECC, lightning-fast NVMe SSD storage, and multiple ports for connectivity and peripherals, the P360 Ultra workstation is the perfect solution for a wide range of professional applications. Whether you're a content creator, graphic designer, or engineer, the P360 Ultra v9 delivers the performance and versatility you need to take your workflow and productivity to the next level.

## Unlock Limitless Creativity with the P360 Ultra and Nvidia Graphics

Take your professional applications to the next level with the addition of Nvidia series graphics cards. With options up to the A2000-12GB offering high-end graphics performance, the P360 Ultra can handle the most demanding 3D modelling, simulation, and rendering tasks with ease. Whether you're creating stunning visual effects or

designing complex architectural models, the P360 Ultra with Nvidia graphics delivers unparalleled performance and precision. Experience smooth, lag-free workflows and fast rendering times, allowing you to focus on bringing your creative vision to life. With the P360 Ultra and Nvidia graphics, the possibilities are endless.

## Tailor-Made Productivity: Connect Your Way and Stay Secure

The P360 Ultra features two Thunderbolt 4 ports, five USB 3.2 Gen2 ports, three DisplayPorts, and two LAN ports (2.5Gb and 1.0Gb), offering lightning-fast network connectivity, high-quality display outputs, and enough ports to power all of your peripherals. A PCIe x4 expansion slot allows for additional I/O and functionality. In addition, all models contain Intel vPro Technology to protect your system from increasingly sophisticated threats. No matter the task at hand, the P360 Ultra provides the connectivity options you need to work efficiently and securely with all your essential peripherals. With the P360 Ultra, tailor your workstation to suit your specific requirements for demanding workloads.

## Features

- 12th Gen Intel® Core™ i9-12900
- LGA1700 CPU Socket
- Intel® vPro™ Technology
- TPM 2.0
- Intel® UHD 770 Graphics
- 1x PCIe x16 Gen4 socket
- 1x PCIe x4 Gen3 socket
- 4x DDR5-4800 SO-DIMM sockets, supporting ECC memory (Dual-channel)
- 2x M.2 22x80 M-key supporting PCIe x4 Gen4 NVMe
- 3x DisplayPort 1.4
- 2x Thunderbolt™ 4 (Alt-DP)
- Wi-Fi 6E + Bluetooth 5.3
- 1x 2.5Gb LAN
- 1x 1.0Gb LAN
- 5x USB 3.2 Gen 2 Type-A
- 3.5mm stereo headset jack
- Kensington lock support
- 230W power supply included
- Extended service support (3-, 5-year)



## Customization

- Primary and secondary storage up to 8TB Gen4 NVMe per drive
- Memory up to 128GB (ECC options)
- OS options including Windows 11, Windows IoT, Windows Server & Ubuntu



THINK BIG, go mini

Technical Specification

|             |   |
|-------------|---|
| Processor   | Intel® 12th Gen Core™ i9-12900 with vPro   8P+8E/24T   P-Cores: up to 5.10GHz - E-Cores: up to 3.8GHz   30MB Intel® Smart Cache   65W TDP |
| Graphics    | Intel® UHD 770 Graphics up to 1.55GHz   3x DisplayPort 1.4   2x Alt-DP 2.1 via Thunderbolt 4  |
| Memory      | Quad DDR5 SODIMMs 1.2V   128GB Max   Dual channel   Up to 4800MHz   ECC memory support  |
| Storage     | 2x M.2 22x80 M-Key x4 PCIe supporting up to NVMe Gen4 (128GB to 8TB)   Optional 2.5” drive bay supporting SATA SSD (128GB to 8TB)         |
| Peripherals | Intel® Wi-Fi 6E AX211 + Bluetooth 5.3   1x 2.5Gb LAN (I225-LM)   1x 1.0Gb LAN (I210-AT)   2x Thunderbolt 4   5x USB 3.2 Gen2 Type-A       |
| Chassis     | 87 x 223 x 202 mm   Kensington lock support   |
| Expansion   | 1x PCIe x16 Gen4 socket   1x PCIe x4 Gen3 socket  |
| Audio       | 3.5mm front stereo headset jack   |
| Power       | 230W power supply included  |

Certifications and Regulation

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|--------------------------------|--|
| EMC/RF Regulations & Standards | FCC/IC   VCCI   BSMI   KC   RCM   TUV-GS   cTUVus   IEC60950-1 & IEC62368 CB Report/Certificate   Saudi Arabia EQM   Kuwait KUCAS   China CCC Mark   South Africa SABS   Russia/Belarus/Kazakhstan/Kyrgyzstan/Armenia-EAC   Morocco-CM   Mexico-NOM   Serbia KVALITET   Ukraine UKrCEPRO   India-BIS   China SRRC   Indonesia-SDPPI   Malaysia-SIRIM   Philippines-NTC |
| Environmental Regulations      | Energy Star 8.0   EPEAT   ErP Lot-3 2013   REACH   |
| Certified Operating Systems    | Windows 11 64-bit (Pro, Home and IoT)   Windows Server 2022   Linux (Ubuntu)   |
| Environmental Operating Temp   | 10°C to +35°C Ambient operating temp   |