

P360 Ultra

Simply NUC 12th Gen Workstation – NUC12UTv7



intel
vPRO
i7

Simply NUC[®]

P360 Ultra v7

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Upgrade Your Workflow with the P360 Ultra Workstation

With cutting-edge performance packed into a sleek design, the P360 Ultra features a high-performance 12th gen Intel Core i7-12700 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 v7 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™ i7-12700
- 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

Technical Specification

Processor	Intel® 12th Gen Core™ i7-12700 with vPro 8P+4E/20T P-Cores: up to 4.90GHz - E-Cores: up to 3.60GHz 25MB Intel® Smart Cache 65W TDP
Graphics	Intel® UHD 770 Graphics up to 1.50GHz 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

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