

Zircon

Simply NUC Business NUC – NUC12ZRN



Simply NUC®

Zircon

Simply NUC Business NUC – NUC12ZRN

The Essential Piece of your IT Deployment

The Simply NUC Zircon, featuring Intel's N95 processor, is the new standard of affordable computing, featuring dual HDMI 2.0, quad USB Type-A, a USB Type-C, and 2.5Gb Ethernet, giving you a variety of I/O in a cost-effective, small form factor package to fit your needs. With 8GB of DDR4-3200 RAM, 256GB of storage, and custom branding and imaging services from Simply NUC, Zircon is an essential, low-cost, and easy to deploy component of any IT deployment, no matter the size. Need more RAM or Storage for a large deployment? No problem, contact the Simply NUC sales team to find out more.

Built for Business

Zircon delivers computing essentials, like outsized performance with a quad core Intel Alder Lake-N processor, upgradable components, and reliability, backed with a 3-year warranty from Simply NUC. From embedded usages like kiosks, intelligent vending, and digital signage; to IoT and Edge devices with remote monitoring and predictive maintenance, Zircon is the essential choice for a cost-effective solution. Simply NUC provides hard to beat price to performance, unmatched customization options, and tier-one support with Zircon, a mini PC that's built for business.

Drive Your AI and Machine Learning with Zircon

Zircon is ideal for anyone or anything needing to utilize cost-effective compute power, from consumers wanting to integrate smart home features, to multinational enterprises looking for low-cost edge devices, to retailers needing entry-level media players. Its N95 processor is ideal for entry-level artificial intelligence and machine learning clusters due to its low cost and small form factor design, as well as built-in features like Intel GNA for audio and speed-centric AI workloads. Zircon features Intel AC 7265 Wi-Fi and Bluetooth 5.0, as well as a 2.5Gb LAN port giving you multiple options for connectivity to your device. Mount your unit to a monitor, workbench, or wall with the included VESA kit. Drive Your AI and Machine Learning with Zircon today.

Features

- Intel® N95 Processor
- Intel® UHD Graphics
- 8GB of DDR4-3200 Memory
- 256GB of SATA Storage
- MicroSD card slot
- 2x HDMI 2.0
- 1x USB 3.0 Type-C (Alt-DP)
- Intel® AC 7265 Wi-Fi and Bluetooth 5.0
- 1x Intel 2.5Gb LAN
- 4x USB 3.2 Gen2 Type-A
- 3.5mm stereo headset jack
- Kensington lock support
- VESA mount included
- 12V, 36W power supply included
- Extended service support (3-year)



Customization

- OS options: Windows 11 Home & Pro, Windows IoT, Ubuntu
- For further customization please contact sales@simplynuc.com



Technical Specification

| | |
|--------------------|--|
| Processor | Intel® N95 Processor 4C/4T Up to 3.4 GHz Max Turbo 6MB Intel® Smart Cache 15W TDP |
| Graphics | Intel® UHD Graphics up to 1.25GHz 3x 4K Displays Supported via: 2x HDMI 2.0 + 1x USB-C (Alt-DP) |
| Memory | Single DDR4-3200 SODIMM 1.2V 32GB Max |
| Storage | 1x M.2 22x80 socket supporting PCIe x4 Gen3 NVMe from 128GB to 8TB or SATA SSD from 128GB to 2TB 1x 2.5" bay supporting SATA SSDs (128GB to 8TB) |
| Peripherals | Intel AC 7265 Wi-Fi + Bluetooth 5.0 1x Intel 2.5Gb LAN (i225-V) 2x Front USB 3.2 Gen2 Type-A 1x Front USB 3.0 Type-C 2x Rear USB 3.2 Gen2 Type-A |
| Chassis | 124.8x112.2x43.9mm Kensington lock support VESA mount kit support |
| Audio | 3.5mm Front Stereo Headset Jack |
| Power | 12V _{DC} , 36W Power Supply Included |

Certifications and Regulations

Safety Regulations and Standards

J62368-1 (2020) | EN IEC 62368-1:2020

EMC/RF Regulations & Standards

FCC CFR Title 47, Chapter I, Part15, Subparts B, C, E | ETSI EN 301 489-1 V2.2.3 (2019-11) | Draft ETSI EN 301 489-17 V3.2.5 (2022-08) | EN 55032:2015 | ETSI EN 301 893 V2.1.1 | EN IEC 61000-3-2:2019 | EN 61000-3-3:2013 | ETSI EN 300 328 V2.2.2 (2019-07) | EN 61000-3-3:2013 | IEC 61000

Environmental Regulations

RoHS Compliant | REACH Compliant

Certified Operating Systems

Windows 11 (Pro and Home) | Windows IoT | Linux (Ubuntu)

Environmental Operating Temp etc.

0°C to +40°C | Non-Condensing Humidity