



# ZIRCON



NUC12ZRN

NUC12ZRN150

# Introduction

## The Essential Piece of your IT Deployment

The SNUC Zircon, featuring Intel's N95 and N150 processors, 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 SNUC, 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 SNUC sales team to find out more.

## Built for Business

Zircon delivers computing essentials, like outsized performance with a quad core Intel Alder Lake or Twin Lake-N processor, upgradable components, and reliability, backed with a 3-year warranty from SNUC.

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.

SNUC 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 or N150 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.



# ZIRCON



NUC12ZRN

NUC12ZRN150



# Tech Specs

## Ram

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)

## I/O

MicroSD card slot  
2x HDMI 2.0  
1x USB 3.0 Type-C (Alt-DP)  
4x USB 3.2 Gen2 Type-A  
3.5mm stereo headset jack  
Kensington lock support

## Networking

Intel® AC 7265 Wi-Fi and  
Bluetooth 5.0  
1x Intel 2.5Gb LAN

## Display

3x 4K Displays Supported

## Power

12VDC, 36W Power Supply Included  
Temperature Range  
0°C to +40°C | Non-Condensing  
Humidity

## Misc:

NA



## In-box Peripherals

VESA mount included

## Dimensions

124.8x112.2x43.9mm

## Operating System

Windows 11 Home & Pro, Windows  
IoT, Ubuntu

## Certification & Regulation

J62368-1 (2020) | EN IEC 62368-1:2020  
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  
RoHS Compliant | REACH Compliant

## Warranty

1 Year

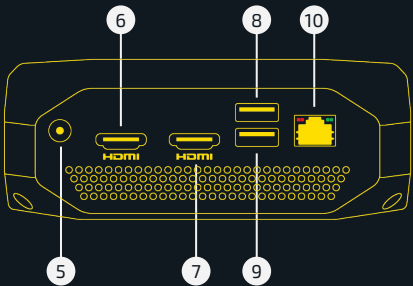
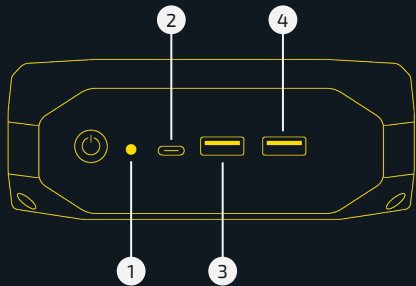
# ZIRCON



Intel® N95  
Intel® N150

# I/O & Dimensions

# ZIRCON



1	Headset jack 3.5mm	FRONT
2	USB 3.0 Type-C (Alt-DP)	
3	USB 3.2 Gen2 Type-A	
4	USB 3.2 Gen2 Type-A	

5	DC in	8	USB 3.2 Gen2 Type-A	REAR
6	HDMI 2.0	9	USB 3.2 Gen2 Type-A	
7	HDMI 2.0	10	Intel 2.5Gb LAN	

ZIRCON Dimensions 124.8x112.2x43.9mm

NUC12ZRN  
NUC12ZRN150