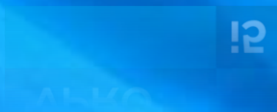


# Chimney Rock Porcupine

Simply NUC 11<sup>th</sup> Generation Long Life NUC – LLN11CRFv5



*Simply* NUC

# Chimney Rock Porcoolpine v5

Simply NUC 11<sup>th</sup> Generation Long Life NUC – LLN11CRFv5

## Stay Cool, Clean, and Silent

The LLN11CRF, built with 11th Gen Intel® Core™ embedded processors (vPro available), Intel® Xe Graphics, and fanless “Porcoolpine” chassis, delivers performance and innovation for small spaces and embedded solutions without the use of a blower or fan. Whether you’re creating a digital kiosk, deploying intelligent vending, or refreshing enterprise PCs, the LLN11CRF is built to withstand the test of time with a 7-year commitment on supply. With the option of Intel® Wi-Fi 6 and Bluetooth 5 and the ability to run Windows® 10, or Linux, the LLN11CRF provides the flexibility to build the exact solution your situation needs.

## I/O Performance and Flexibility

The LLN11CRF Fanless PC has some new features including, dual Ethernet with speeds up to 2.5 Gbps. Support up to a single 8K display or quad brilliant 4K displays at 60Hz with Chimney Rock Porcoolpine via the HDMI, Display Port and two USB Type-C ports. New on-processor Dual-Video Decode Boxes allow the 11th Gen processors to ingest up to 40

simultaneous video streams at 1080p. AI-Inferencing with built-in Vector Neural Network instructions boost deep learning performance. Porcoolpine allows for additional expansion I/O if more USBs, Ethernet or Serial ports are needed. We can configure to your specific needs. And Porcoolpine is tested for 24/7 operation ensuring solutions that are built to last.

## Safe and Secure

With Intel® vPro™ technology you can get ahead of security threats. The built-in hardware-enhanced security means you can keep data and credentials secure, and remote manageability is perfect for installations such as unattended digital kiosks and intelligent vending. This hardware offers Trusted Platform Module (TPM) 2.0 which addresses the growing concern over boot process integrity and offers better data protection. In addition you can physically lock down your LLN11CRF via the built-in Kensington lock or an optional locking VESA mount kit available from Simply NUC.

## Features

- 11th Gen Intel® Core™ i5-1145G7E
- Intel® vPro Technology
- Intel® Iris® Xe Graphics
- TPM 2.0
- 2x DDR4-3200 SO-DIMM Sockets
- 1x M.2 22x80 M-key supporting PCIe x4 Gen 4 NVMe or SATA SSDs
- 2.5” drive bay supporting SATA SSDs
- 1x HDMI 2.0b
- 1x DisplayPort 1.4
- 2x USB 3.2 Gen2 Type-C (Alt-DP)
- 1x 2.5Gb LAN
- 1x 1.0Gb LAN
- 4x USB 3.2 Gen2 Type-A
- 1x USB 2.0 Type-A
- 1x Serial Port
- 7.1 multichannel digital audio via HDMI
- 3.5mm stereo headset jack
- VESA mount included
- Fanless
- 19V 65W Power supply included
- Extended service support (5-year)

## Customization

- Primary storage up to 8TB Gen4 NVMe or 2TB SATA SSD
- Secondary 2.5” drive up to 8TB SATA
- Memory up to 64GB
- Front panel expansion (dual-LAN)
- OS options: Windows 10-11 Home & Pro, Windows IoT, Ubuntu



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THINK BIG, go mini

# Technical Specification

<b>Processor</b>	Intel® 11th Gen Core™ i5-1145G7E   4C/8T   1.5GHz – 4.1GHz Turbo   8MB Intel® Smart Cache   28W TDP
<b>Graphics</b>	Intel® Iris® Xe Graphics   4x 4K displays supported via 1x HDMI 2.0b + 1x DisplayPort 1.4 + 2x USB Type-C (Alt-DP)
<b>Memory</b>	Dual DDR4-3200 SODIMMs, 1.2V, up to 64GB
<b>Storage</b>	1x M.2 22x80 socket supporting PCIe x4 Gen 4 NVMe from 128GB to 8TB or SATA SSD from 128GB to 2TB   1x 2.5" drive bay supporting 2.5 Inch SATA SSDs from 64GB to 8TB
<b>Peripherals</b>	Intel Wi-Fi 6 AX201   Bluetooth 5.1   1x 2.5Gb LAN   1x 1.0 Gb LAN   2x Front USB 3.2 Gen2 type-A   2x Rear USB 3.2 Gen2 type-A   2x Front USB 3.2 Gen2 type-C   1x Rear serial port
<b>Chassis</b>	190x102x76mm   VESA mount kit support   1.5kg (3.4lbs) fully-assembled with Antennas (no 2.5in drive or power adapter)
<b>Expansion</b>	2x USB 2.0 headers   1x Serial header   Front slot for I/O expansion   2.5" drive mount for SATA drive
<b>Audio</b>	3.5mm front stereo headset jack   7.1 multichannel digital audio via HDMI
<b>Power</b>	12-19V <sub>DC</sub> variable DC input   65W 19V PSU supplied

# Certifications and Regulations

<b>Safety Regulations and Standards</b>	IEC 62368-1   EN 62368-1   UL 62368-1   CUL/CSA 62368-1
<b>EMC/RF Regulations &amp; Standards</b>	FCC CFR Title 47, Chapter I, Part 15, Subparts. B   EN 55024   EN 55032   EN 55035   CISPR 32   ICES-003   ETSI EN.301 489-1   ETSI EN.301 489-17
<b>Environmental Regulations</b>	RoHS Compliant   REACH Compliant
<b>Certified Operating Systems</b>	Windows 11 64-bit (Pro and Home)   Windows 10 64-bit (Pro and Home)   Windows 10 IoT   Linux (Ubuntu)
<b>Environmental Operating Temp etc.</b>	0°C to +40°C