

Arena Canyon Porcoolpine

Intel® Rugged NUC 13 Pro – NUC13ANFi5/v5



Simply NUC®

Arena Canyon Porcoolpine i5/v5

Rugged NUC 13 Pro – NUC13ANFi5/v5

Top-Tier Performance in a Cool, Silent, and Small Form Factor

The NUC13ANFi5, Arena Canyon Porcoolpine, blends the power of Intel's 13th Gen Core i5-1340P Processor with the reliability of no moving parts in a robust and rugged fanless chassis, enabling use in harsher environments or a silent desktop experience. The Rugged NUC 13 Pro i5 delivers outsized performance in a small form factor with the latest in technology, from Intel's 13th Gen Raptor Lake processors to Thunderbolt 4 and Wi-Fi 6E, delivering top-tier performance for the office, field, and factory

Protected and Productive, 24/7

The Rugged NUC 13 Pro i5 is a feature-rich device with a plethora of I/O options, equipped with dual HDMI 2.1 ports, dual Thunderbolt 4, and four USB-A ports as standard. Further expand the functionality of your unit via the rear expansion panel, making the Arena Canyon Porcoolpine adaptable to your specific use case. Select Arena Canyon Porcoolpine SKUs come with Intel

vPro technology, making it ideal for office and factory deployments with its remote manageability and added hardware-level security features. From performing remote updates to securing your files from intrusion, the Rugged NUC 13 Pro i5 will keep you protected and productive, 24/7.

A Clean, Seamless, and Powerful Mini PC Experience

Networking is a breeze with the Arena Canyon Porcoolpine thanks to the onboard 2.5Gb LAN port and can be expanded to add an additional 2.5Gb port via the rear expansion panel, allowing connection redundancy and increased networking capabilities, with the added perk of an additional two USB 2.0 ports. Not a fan of cables? No problem. Further upgrade your Arena Canyon Porcoolpine with Wi-Fi 6E and Bluetooth 5.3 with external antennas, allowing you to ditch the cables to get a clean, seamless, and powerful mini PC experience, in an ultra-reliable fanless chassis.

Features

- 13th Gen Intel® Core™ i5-1340P
 - (i5-1350P vPro Version)
- Intel® Iris® Xe graphics
- TPM 2.0 (vPro Version Only)
- 2x DDR4-3200 SO-DIMM sockets
- 1x M.2 22x80 M-key supporting PCIe x4 Gen4 NVMe
- 1x M.2 22x42 B-Key supporting PCIe x1 Gen3 NVMe or SATA SSDs, or I/O expansion
- 1x 2.5" drive bay supporting SATA SSDs
- 2x HDMI 2.1 TMDS
- 2x Thunderbolt™ 4 (Alt-DP)
- 1x Intel® 2.5Gb LAN
- 3x USB 3.2 Gen 2 Type-A
- 1x USB 2.0 Type-A
- 3.5mm stereo headset jack
- Fanless Chassis
- VESA mount included
- 24x7 operation
- 19V 90W power supply included
- Extended service support (1-, 3-, 5-year)

Customization

- Primary storage up to 8TB Gen4 NVMe
- Secondary 2.5" drive up to 8TB SATA SSD
- Memory up to 64GB
- Optional Wi-Fi 6E + Bluetooth 5.3
- Rear panel for I/O expansion
- OS options including Windows 11, Windows IoT & Ubuntu



THINK BIG, go mini

Technical Specification

Processor	Intel® 13th Gen Core™ i5-1340P 4P+8E/16T 1.3GHz to 3.8GHz Turbo 12MB Intel® Smart Cache 28W TDP OR Intel® 13th Gen Core™ i5-1350P 4P+8E/16T 1.4GHz to 4.2GHz Turbo 12MB Intel® Smart Cache 28W TDP
Graphics	Intel® Iris Xe Graphics up to 1.50GHz Up to 4x displays 2x HDMI 2.1 TMDS 2x Alt-DP 2.1 via Thunderbolt 4
Memory	Dual DDR4 SO-DIMMs 1.2V 64GB Max Up to 3200MHz
Storage	1x M.2 22x80 M-Key x4 PCIe supporting up to NVMe Gen4 (128GB to 8TB) 1x M.2 22x42 B-Key x1 PCIe supporting up to NVMe Gen3 (128GB to 2TB) or SATA (128GB to 2TB) 1x 2.5" bay supporting SATA SSDs (128GB to 8TB)
Peripherals	Optional Intel® Wi-Fi 6E AX211 + Bluetooth 5.3 1x 2.5Gb LAN (i226V) 2x Thunderbolt 4 3x USB 3.2 Gen2 Type-A 1x USB 2.0 Type-A
Chassis	190 x 102 x 76 mm Fanless Chassis VESA mount included
Expansion	2x USB 2.0 header Rear expansion panel
Audio	Up to 7.1 multichannel digital audio on HDMI and Thunderbolt ports 3.5mm front stereo headset jack
Power	12-20V _{DC} input range 19V _{DC} 90W power supply included
Additional Features	Delayed AC start Auto CMOS reset DC transient voltage suppression DC overvoltage/undervoltage protection Display emulation via HDMI (headless, virtual, and persistent displays)

Certifications and Regulations

Safety Regulations and Standards	IEC/EN 60950-1 IEC/EN/UL 62368-1
EMC/RF Regulations & Standards	FCC Part 15B/15C/15E CISPR/EN 55032/55024 ICES-003 VCCI 32 BSMI CNS 13438 KN 32/35 AS/NZS CISPR 32 EN 300 328 EN 301 893 EN 300 440 EN 301 489-1/3/17 EN 62311 AS/NZS 4268 AS/NZS 2772.2 ARPANSA
Environmental Regulations	EU RoHS China RoHS Taiwan BSMI RoHS REACH
Certified Operating Systems	Windows 10 IoT Windows 11 64-bit (Pro, Home and IoT) Linux (Ubuntu)
Environmental Operating Temp	0°C to +40°C Ambient operating temp