Bloodhound

Simply NUC Industrial NUC – NDN23BHFiC

intel
CELERON®

Simply NUC®

Bloodhound

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Intel® Partner Alliance
Titanium Partner

Powering your IoT & Edge Solutions

Bloodhound, by Simply NUC is the next key piece of your IT solution, from network security and redundancy to edge computing and analysis, Bloodhound can do it all. Loaded with an Intel Celeron N5105 CPU, and paired with up to 32GB of RAM to enable faster operations, and up to 2TB of storage for bulk data or storing local CCTV footage, and anything in between. Contact Simply NUC today to find out how Bloodhound can address the pain points of your business today.
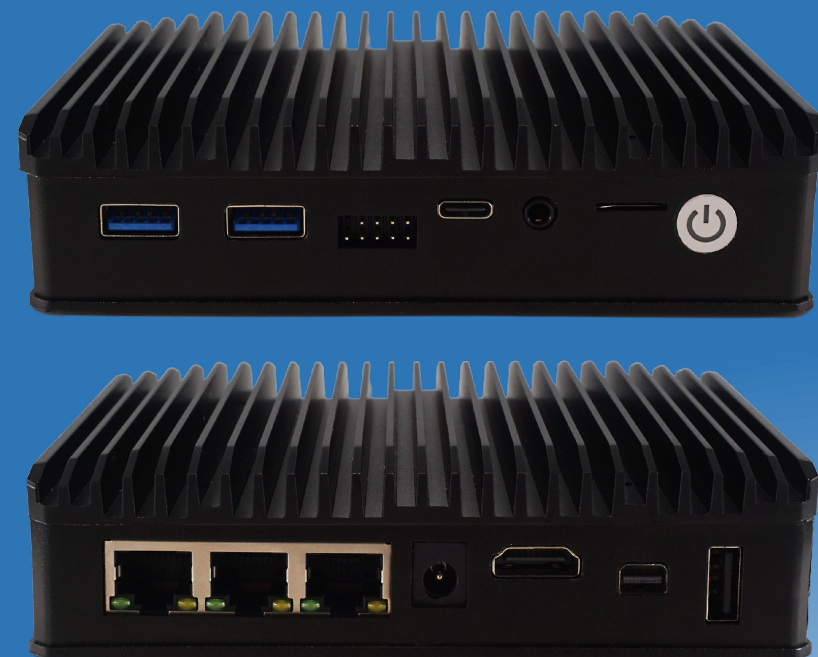
Equipped for Rugged Deployments

Bloodhound comes out of the box with three 2.5Gb LAN ports, giving you the flexibility you need to connect multiple IP devices, provide additional networking capabilities, or to cut down on overall cabling by utilizing the built-in PoE+ on the primary LAN port to power your device. Easily integrate your Bloodhound device into hard to reach places thanks to its slim form factor and the included VESA mount, but keep it accessible by connecting an external power source and status LEDs with the front panel header, allowing you access to your Bloodhound device when mounted out of view. Bloodhound can serve a variety of rugged deployments such as an edge firewall, an edge server for IP cameras, or an IoT gateway.

A Rugged Device, Designed to Last

Bloodhound is an ultra small form factor device, coming in at just under 0.5L, built in a fanless all metal outer chassis with no moving parts, removing the risk of fan failure bringing down your device or IoT network. Bloodhound is IP53 rated, 24/7 tested, and has an operating temperature of 0-60C, making it ideal for deployment in a wide array of environments, from dusty warehouse floors, to external wayfinding kiosks, to outdoor installations with spraying water. Bloodhound is a rugged device, designed to last.

Features

- Intel® Celeron N5105 Processor
- Intel® UHD Graphics
- 1x DDR4-2933 (Soldered Down)
- 1x M.2 22x80 M-key supporting SATA
- MicroSD card slot
- 1x HDMI 2.1 TMDS
- 1x mDP 1.4a
- 1x 2.5Gb LAN with POE+ (Realtek 8125)
- 2x 2.5Gb LAN (Realtek 8125)
- 1x 22x30 B-key supporting Wi-Fi card up to Wi-Fi 6E AX211
- 1x USB 3.0 Type-C
- 2x USB 3.0 Type-A
- 1x USB 2.0 Type-A
- 3.5mm audio out jack
- Accessible front panel header
- Lockable DC power input
- IP53 Rated
- VESA mount included
- 12V, 24W power supply included
- Extended service support (3-year)

Customization

- Primary storage up to 2TB SATA
- Memory up to 32GB
- Optional Wi-Fi 6E AX211
- OS options: Windows 11 Home & Pro, Windows IoT, Ubuntu

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THINK BIG, go mini

Technical Specification

Processor	Intel® Celeron® N5105 Processor | 2GHz with 2.9GHz Burst | 4 Core - 4 Thread | 4MB Cache | 10W
Graphics	Intel® UHD Graphics | 3x displays supported via 1x HDMI 2.1 TMDS + 1x mini DisplayPort 1.4a
Memory	Single DDR4-2933 Soldered Down | 32GB Max
Storage	1x M.2 22x80 socket supporting SATA from 64GB to 2TB
Peripherals	Optional Wi-Fi 6E AX211 with Bluetooth 5.3 | 1x 2.5Gb LAN with POE+ (Realtek 8125) | 2x 2.5Gb LAN (Realtek 8125) | 1x Front USB 3.0 Type-C | 2x Front USB 3.0 Type-A | 1x Rear USB 3.0 Type-A
Chassis	Fanless Chassis | IP53 rated | 133mm x 98mm x 35 mm | VESA mount kit support
Audio	3.5mm Front audio out Jack
Power	12-20V$_{DC}$ Input Supply Range | 12V$_{DC}$, 24W Power Supply Included

Certifications and Regulations

Safety Regulations and Standards	EN IEC 62368-1:2020+A11:2020 | EN IEC 62311:2020 | ETSI EN 300 328 V2.2.2 (2019-07) | UKCA
EMC/RF Regulations & Standards	FCC Title 47, Part 15C | ETSI EN 301 489-1 V2.2.3 (2019-11) | ETSI EN 301 489-17 V3.2.5 (2022-08) | EN 55032:2015+AC:2016+A1:2020+A11:2020 | EN 55035:2017+A11:2020 | EN IEC 61000-3-2:2019+A1:2021 | EN 61000-3-3:2013+A1:2019+A2:2021+AC:2022
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 +60°C | Non-Condensing Humidity