

NUC7i7BNH - Dual-Core i7 Tall Chassis

Who said small isn't powerful?

The Simply NUC7i7BNH is able to run multiple applications simultaneously including massive spreadsheets, documents, presentations, and any other small home or office needs you might have as well as streaming video, showing off slideshows, and even voice interaction using Cortana. All of this in a small 4" x 4" x 2" sized package which can mount behind your monitor or be unobtrusively located in plain sight due to its small size. And the active cooling system adjusts as needed to provide quiet during light loads where it isn't needed as much, and barely audible cooling when more is needed.

The Simply NUC7i7BNH is built with the 7th generation Intel® Core™ i7 processor to give you the performance to handle anything you throw at it. The Simply NUC7i7BNH is Intel® Optane™ Memory ready which makes you ready for the future. By easily installing and pairing Intel Optane Memory with high capacity HDD storage media, you get amazing performance and responsiveness as well as shorter boot times, faster application launches, and more responsive browsing. The Simply NUC7i7BNH has room for a 2TB HDD, or 4TB SSD so you have the room to store and backup all your files.

New features let you use Windows® 10 to its full potential

The Simply NUC7i7BNH has some cool new features including dual-array front microphones so you can take advantage of Cortana's capabilities if you include Windows® 10 with no additional hardware needed. There's also a front power button and a multi-color LED ring so you can personalize the NUC with the look you want, along with 7.1 surround sound via the HDMI port to deeply immerse you in your content. You can also listen with headphones via the front microphone/audio jack. The choice is yours.

Cut the cords, not the Performance

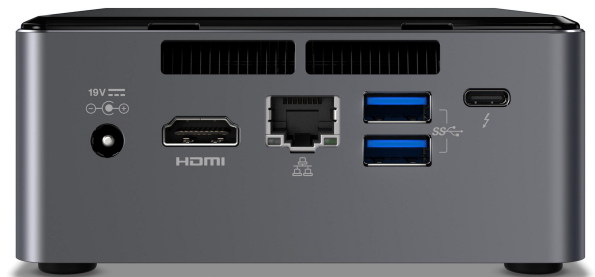
The Simply NUC7i7BNH comes with Intel® 802.11ac wireless, called Gigabit wireless, for connectivity right out-of-the-box. This makes it simple to immediately access files in the cloud, and with built-in Bluetooth 4.2, you can connect wireless peripherals like headsets and keyboards.

Highlighted features

- 7th Gen Intel® Core™ i7
- Intel® Iris™ Plus Graphics 650
- 4GB DDR4 (32GB Max)
- 128GB M.2 SSD (2TB Max)
- Micro SD card slot
- Intel® Optane™ Memory ready
- HDMI 2.0 supporting 4K @ 60Hz
- DisplayPort 1.2 on Type-C port
- Intel® Gigabit LAN
- Intel® Dual Band (Gb) Wireless
- Intel® Bluetooth 4.2
- Four USB 3.0 Ports. One w/Charging
- USB 3.1 Gen 2 Type-C port
- Digital Audio 7.1 Surround Sound
- HD Audio over 3.5mm Headset Jack
- Front mounted Dual-Array Microphones
- Internal Dual-Band Antennas
- Front panel power button
- Kensington lock support
- 19V DC Jack (12-19v operation)
- VESA Mount Kit
- Consumer infrared sensor

Customization

- Two DDR4 SO-DIMM Sockets
- M.2 slot supports PCI or SATA SSDs
- Internal 2.5 inch SATA Bay
- Two USB 2.0 and one USB 3.0 internal headers for functional Lid support
- Multi-color front panel LED ring



Simply NUC Services

You can order this NUC in your various configurations, as well as your corporate OS Image loaded and ready to deploy.

Technical Specifications

<p>Processor</p> <ul style="list-style-type: none"> Intel® Core™ i7-7567U processor (3.5 GHz to 4.0GHz Turbo, Dual Core, Hyper-Thread, 4 MB Cache, 28W TDP) 	<p>Graphics</p> <ul style="list-style-type: none"> Intel® HD Graphics 650 One HDMI 2.0 port USB Type-C port with DisplayPort 	<p>System Memory</p> <ul style="list-style-type: none"> 4GB DDR4-2133 pre-installed. Two DDR4 SO-DIMM sockets, 32GB Max, 1.2V
<p>Storage Capabilities</p> <ul style="list-style-type: none"> 128GB M.2 SATA pre-installed. One M.2 socket supporting 22x80 M.2 SSDs, SATA or PCIe, 2TB SATA or PCIe SSD Max. Intel® Optane™ Memory ready One SATA 3 port for connection to 2.5" HDD or SSD (up to 9.5 mm) (4TB SSD or 2TB HDD Max) Micro SDXC slot with UHS-I support on the side 	<p>Peripheral Connectivity</p> <ul style="list-style-type: none"> Intel® Gigabit LAN Four Super-Speed USB 3.0 ports (two back panel ports and two front ports including one charging port) USB Type-C port providing USB 3.1 Gen 2 with data transfer up to 10 Gbps Two additional Hi-Speed USB 2.0 ports via internal header Intel® Dual Band Wireless-AC 8265 (802.11ac), 2x2, up to 867 Mbps Dual Mode Bluetooth 4.2 Thunderbolt 3 on USB Type-C port 	<p>System Bios</p> <ul style="list-style-type: none"> 64 Mb Flash EEPROM with Intel® Platform Innovation Framework for EFI Plug and Play Advanced configuration and power interface V3.0b, SMBIOS2.5 Intel® Visual BIOS Intel® Express BIOS update support
<p>Audio</p> <ul style="list-style-type: none"> Up to 7.1 surround audio via HDMI Headphone/microphone jack on the front panel Dual-array microphones on front 	<p>Baseboard Power Requirements</p> <ul style="list-style-type: none"> 19V, 65W wall-mount AC-DC power adapter <p>Mechanical Chassis Size</p> <ul style="list-style-type: none"> 4.53" x 4.37" x 2.01" 115 mm x 111 mm x 51 mm 0.65kg (1.4lbs) Configured 	<p>Front Panel Header</p> <ul style="list-style-type: none"> Reset, HDD LED, Power LEDs, power on/off
<p>Hardware Management Features</p> <ul style="list-style-type: none"> Voltage and temperature sensing ACPI-compliant power management control Processor fan speed control Fan sensor inputs used to monitor fan activity 	<p>Expansion Capabilities</p> <ul style="list-style-type: none"> Two USB 2.0 ports on two 1x4 internal headers for functional Lid support 2.5in Drive Mount for SATA drive. 	

Certification and Regulations

<p>Product Safety Regulations and Standards</p> <ul style="list-style-type: none"> IEC 60950-1 UL 60950-1 EN 60950-1 CAN/CSA-C22.2 No. 60950-1 	<p>EMC/RF Regulations and Standards (Class B)</p> <ul style="list-style-type: none"> CISPR 32 FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E ICES-003 EN 55032 ETSI EN 300 328 ETSI EN 301 489-17 EN 62311 AS/NZS 2772.2 VCCI V-2, V-3, V-4 KN-32 CNS 13438 EN 55024 ETSI EN 301 489-1 ETSI EN 301 893 AS/NZS 4268 KN-24 	<p>Environmental Regulations</p> <ul style="list-style-type: none"> RoHS Directive 2011/65/EU WEEE Directive 2012/19/EU China RoHS
<p>Environment Operating Temp</p> <ul style="list-style-type: none"> 0° C to +40° C Non-condensing Humidity <p>Storage Temperature</p> <ul style="list-style-type: none"> -20° C to +60° C 	<p>Certified Operating Systems</p> <ul style="list-style-type: none"> Windows 10 64-bit (Pro & Home) Windows 10 IoT Enterprise - (64-bit only) CBB and LTSB Various Linux including: Ubuntu, Mint, openSUSE, etc (Contact Simply NUC for specifics) 	