

NUC8i3BEK - Dual-Core i3 Thin Chassis

Who said small isn't powerful?

The Simply NUC8i3BEK is the latest Dual-Core i3 system in the familiar 4" x 4" x 1.5" sized package, and is able to run multiple applications and drive up to three 4K displays simultaneously. 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.

Built for Business

The Simply NUC8i3BEK is built with an 8th generation Intel® Core™ i3 processor to give you the performance to handle most essential applications at a great price.

The Simply NUC8i3BEK is designed for 24/7 operation and is perfect for refreshing enterprise PCs, Digital Signage, POS terminals, and other continuous use applications.

The Simply NUC8i3BEK also has room for up to a 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 NUC8i3BEK 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 so you can personalize the NUC with the look you want, along with 7.1 surround sound via HDMI or USB-C/DisplayPort 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 NUC8i3BEK 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 5, you can connect wireless peripherals like headsets and keyboards.

Highlighted features

- 8th Gen Intel® Core™ i3
- Intel® Iris™ Plus Graphics 655
- 4GB DDR4 (64GB Max)
- 128GB M.2 SSD (2TB Max)
- MicroSDXC card slot (UHS-I)
- HDMI 2.0a supporting 4K @ 60Hz
- Thunderbolt 3 (supports Alt-DP)
- Intel® Gigabit LAN
- Intel® Dual Band (Gb) Wireless
- Intel® Bluetooth 5
- Five USB 3.1 Gen 2 Ports (10Gb/s) (one charging)
- Digital Audio 7.1 Surround Sound
- Far-field dual-array microphone
- Internal Dual-Band Antennas
- Consumer IR receiver
- Kensington lock support
- 19V DC Jack (12-19V operation)
- VESA Mount Kit

Customization

- Two DDR4 SO-DIMM Sockets
- M.2 slot supports PCI or SATA SSDs
- Two USB 2.0 headers



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™ i3-8109U processor (3.0 GHz with 3.6GHz Turbo, Dual Core, Hyper-thread, 4 MB Cache, 28W TDP) 	<p>Graphics</p> <ul style="list-style-type: none"> Intel® Iris™ Plus Graphics 655 One HDMI 2.0a port USB Type-C port with DisplayPort 	<p>System Memory</p> <ul style="list-style-type: none"> 4GB DDR4-2400 pre-installed. Two DDR4 SO-DIMM sockets, 64GB Max, 1.2V
<p>Storage Capabilities</p> <ul style="list-style-type: none"> 128GB M.2 SATA pre-installed. One M.2 socket supporting 22x42 or 22x80 M.2 SSDs, SATA or PCIe, 2TB SATA or PCIe SSD Max. 	<p>Peripheral Connectivity</p> <ul style="list-style-type: none"> Intel® Gigabit LAN i219-V Four USB 3.1 Gen2 Type-A ports (two back; two front) One USB 3.1 Gen2 Type-C port (back panel) Two additional Hi-Speed USB 2.0 ports via internal header Intel® Dual Band Wireless-AC 9560 (802.11ac), 2x2, up to 1.73 Gbps Bluetooth 5 Thunderbolt 3 on USB Type-C port Consumer infrared receiver on front 	<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 Front headset jack Dual-array far-field beam-forming microphones in front panel 	<p>Baseboard Power Requirements</p> <ul style="list-style-type: none"> 19V, 90W AC-DC power adapter with detachable power cord. 12-19V DC input range International cords available <p>Mechanical Chassis Size</p> <ul style="list-style-type: none"> 4.6" x 4.4" x 1.5" 117 x 112 x 36 mm 	<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"> Trusted Platform Module (TPM) 2.0 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 headers Functional or decorative lid support 	

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 52 FCC CFR Title 47, Chapter I, Part 15, Subparts B, C, E ICES-005 EN 55052 ETSI EN 500 528 ETSI EN 501 489-17 EN 62511 AS/NZS 2772.2 VCCI V-2, V-5, V-4 KN-52 CNS 15458 EN 55024 ETSI EN 501 489-1 ETSI EN 501 895 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 +50° C Non-condensing Humidity <p>Storage Temperature</p> <ul style="list-style-type: none"> -40° 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 Windows Server 2016 Various Linux including: Ubuntu, Mint, openSUSE, etc (Contact Simply NUC for specifics) 	