

#### **PRODUCTS**





#### **SUPPORT**

MORE +

Products Home > Product Specifications > Intel® NUC

Search specifications





# Intel® NUC Kit NUC8i3BEH

Add to Compare

#### **Specifications**

#### Essentials

Supplemental Information

Memory & Storage

**Processor Graphics** 

**Expansion Options** 

I/O Specifications

Package

Specifications

Advanced

Technologies

Security & Reliability

# Ordering and Compliance

### Compatible

**Products** 

Drivers and

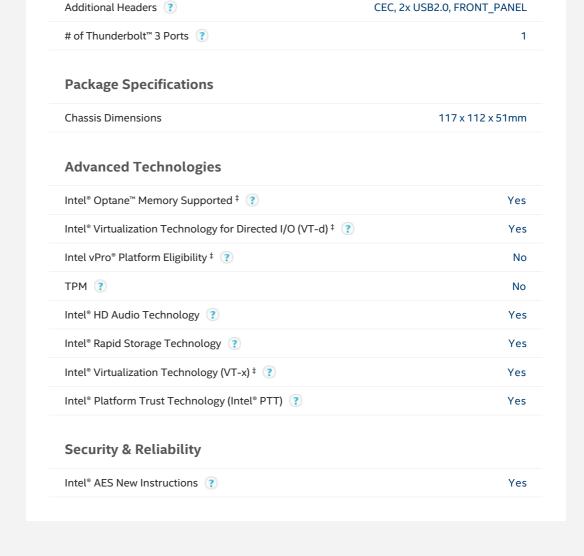
Software

Technical Documentation

Product Collection	Intel® NUC Kit with 8th Generation Intel® Core™ Processor
Code Name	Products formerly BEAN CANYON
Status	Launched
Launch Date ?	Q3'18
Supported Operating Systems	Windows 10, 64-bit
Board Number	NUC8BEE
Board Form Factor	UCFF (4" x 4"
Socket	Soldered-down BGA
Internal Drive Form Factor	M.2 and 2.5" Drive
# of Internal Drives Supported	2
Lithography ?	14 nm
TDP ?	28 W
DC Input Voltage Supported	12-19 VDC
Processor Included	Intel® Core™ i3-8109U Processor (4M Cache, up to 3.60 GHz
Intel vPro® Platform Eligibility ‡ ?	No
# of Cores ?	2
# of Threads ?	
Processor Base Frequency ?	3.00 GHz
Max Turbo Frequency 🔞	3.60 GH:
Warranty Period	3 yrs
Recommended Customer Price ?	

**Supplemental Information** 

Description  Cother features: Includes Thunderbolt 3 (40Gbps) USB 3.1 Gen 2 (10Gbps) and DP 1.2 USB-C, also includes microSDXC card stot, dual microphor Product Brief  View n  Memory & Storage  Max Memory Size (dependent on memory type) ② 32  Memory Types ② DDR4-2400 1.2V SO-DIM Max # of Memory Channels ③ 38.4 Gi  Max # of DIMMs ② 38.4 Gi  Max # of DIMMs ② Intel* Iris* Plus Graphics 6  Processor Graphics  Processor Graphics  Processor Graphics 1 ③ Intel* Iris* Plus Graphics 6  Integrated Graphics 1 ④ MDM1 2.0a; USB-C (DP1 # of Displays Supported 1		
Memory & Storage  Max Memory Size (dependent on memory type) ② 32  Memory Types ② DDR4-2400 1.2V SO-DIM  Max # of Memory Channels ②  Max # of DIMMs ②  ECC Memory Supported ③ ②  Processor Graphics  Processor Graphics  Processor Graphics ④ Intel® Iris® Plus Graphics 6  Integrated Graphics ⑤ Que  # of Displays Supported ⑥ Que  # of Displays Supported Ø Que  # of Displays S		View no
Memory & Storage  Max Memory Size (dependent on memory type) ② 32  Memory Types ② DDR4-2400 1.2V SO-DIN  Max # of Memory Channels ②  Max Memory Bandwidth ② 38.4 G  Max # of DIMMs ③  ECC Memory Supported © ②  Processor Graphics  Processor Graphics  Processor Graphics © Intel® Iris® Plus Graphics 6  Integrated Graphics © Y  Graphics Output ② HDMI 2.0a; USB-C (DP1  # of Displays Supported ©   Expansion Options  PCI Express Revision ② Ge  PCI Express Configurations © M.2 slot with PCIE X4 lar  Removable Memory Card Slot ② microSDXC with UHS-I supp  M.2 Card Slot (storage) ② 22x42,  I/O Specifications  # of USB Ports  USB 2.0 Configuration (External + Internal)	Other features: Includes Thunderbo Description USB-C; a	It 3 (40Gbps) USB 3.1 Gen 2 (10Gbps) and DP 1.2 $\nu$ lso includes microSDXC card slot, dual microphon
Max Memory Size (dependent on memory type) ② DDR4-2400 1.2V SO-DIM Max # of Memory Channels ③ Max # of Memory Channels ③ Max # of DIMMs ② 38.4 G Max # of DIMMs ② ECC Memory Supported ‡ ② Processor Graphics  Processor Graphics  Processor Graphics ¹ ② Intel® Iris® Plus Graphics 6 Integrated Graphics ‡ ② Max HDMI 2.0a; USB-C (DP1 # of Displays Supported ‡  Expansion Options  PCI Express Revision ② Ge PCI Express Revision ② M.2 slot with PCIe X4 lar Removable Memory Card Slot ③ microSDXC with UHS-I supp M.2 Card Slot (storage) ② 22x42;  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head USB Revision ② 2.0, 3.1 Ge USB 2.0 Configuration (External + Internal) 0 USB 3.0 Configuration (External + Internal) 2B 2F Total # of SATA Ports ② Max # of SATA 6.0 Gb/s Ports  RAID Configuration ② 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated Urieless¹ Intel® Urieless-AC 9560 + Bluetooth intel® Urieless-AC 9560 + Bluetooth intel® Intel® Wireless-AC 9560 + Bluetooth intel® Wire	Product Brief	View no
Memory Types ② DDR4-2400 1.2V SO-DIM Max # of Memory Channels ② Max Memory Bandwidth ② 38.4 G Max # of DIMMs ② ECC Memory Supported ③  Processor Graphics  Processor Graphics  Processor Graphics ↓ ② Intel® Iris® Plus Graphics 6 Integrated Graphics ↓ ② MDMI 2.0a; USB-C (DP1 # of Displays Supported ④  Expansion Options  PCI Express Revision ② Ge PCI Express Configurations ↓ ② M.2 slot with PCIe X4 Iar Removable Memory Card Slot ② microSDXC with UHS-I supp M.2 Card Slot (storage) ② 22x42,  I/O Specifications # of USB Ports USB Configuration ② 2x front and ③x rear USB 3.1 Gen2; 2x USB 2.0 via internal head USB Revision ② 2.0, 3.1 Ge USB 2.0 Configuration (External + Internal) ② 2B 2F Total # of SATA Ports ③ Max # of SATA A 6.0 Gb/s Ports RAID Configuration ② 2.5° HDD/SSD + M.2 SATA SSD (RAID-0 RAID Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated LAN ③ Intel® Ethernet Connection 1215 Intel® Ethernet Connection 1215 Intel® Uricless** Intel® Wireless** AC 9560 + Bluetooth intel® Intel® Uricless** Intel® Wireless** AC 9560 + Bluetooth intel® Intel® Uricless** Intel® Wireless** AC 9560 + Bluetooth intel® Wireless** AC 9560 + Bluetooth intel® Intel® Wireless** AC 9560 + Bluetooth intel® Intel® Wireless** AC 9560 + Bluetooth intel® Wireless** AC 9560 + Blueto	Memory & Storage	
Max # of Memory Channels ?  Max Memory Bandwidth ? 38.4 G  Max # of DIMMs ?  ECC Memory Supported † ?  Processor Graphics  Processor Graphics ! Intel* Iris* Plus Graphics 6  Integrated Graphics † ? Intel* Iris* Plus Graphics 6  Integrated Graphics † ? HDMI 2.0a; USB-C (DP1  # of Displays Supported †  Expansion Options  PCI Express Revision ? Ge  PCI Express Configurations † ? M.2 slot with PCIe X4 lar  Removable Memory Card Slot ? microSDXC with UHS-I supp  M.2 Card Slot (storage) ? 22x42;  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision ? 2.0, 3.1 Ge  USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated LAN ? Intel* Ethernet Connection 1215  Integrated Wireless¹ Intel* Wireless-AC 9560 + Bluetooth :	Max Memory Size (dependent on memory ty	ype) 🔞
Max Memory Bandwidth ②  ECC Memory Supported ³ ②  Processor Graphics  Processor Graphics ¹ ②  Intel® Iris® Plus Graphics 6  Integrated Graphics ¹ ②  Graphics Output ②  # of Displays Supported ³  Expansion Options  PCI Express Revision ②  PCI Express Revision ②  A.2 slot with PCIe X4 lar  Removable Memory Card Slot ②  microSDXC with UHS-I supp  M.2 Card Slot (storage) ②  22x42/  I/O Specifications  # of USB Ports  USB Configuration ②  2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision ②  USB 2.0 Configuration (External + Internal)  0 USB 3.0 Configuration (External + Internal)  2 B 2F  Total # of SATA Ports ③  Max # of SATA Ports ③  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ②  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic  Integrated LAN ③  Intel® Ethernet Connection 1215  Intel® Ethernet Connection 1215  Intel® Ethernet Connection 1215  Intel® Ethernet Connection 1215	Memory Types ?	DDR4-2400 1.2V SO-DIM
Max # of DIMMs ?  ECC Memory Supported † ?  Processor Graphics  Processor Graphics † ?  Intel* Iris* Plus Graphics 6  Integrated Graphics † ?  Graphics Output ?  # of Displays Supported †  Expansion Options  PCI Express Revision ?  PCI Express Revision ?  M.2 slot with PCle X4 Iar  Removable Memory Card Slot ?  M.2 Card Slot (storage) ?  22x42/  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision ?  USB 2.0 Configuration (External + Internal)  OUSB 3.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  28 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ?  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic  Integrated LAN ?  Intel* Ethernet Connection 1215  Intel* Ethernet Connection 1215  Intel* Ethernet Connection 1215	Max # of Memory Channels ?	
Processor Graphics  Processor Graphics Intel® Iris® Plus Graphics 6 Integrated Graphics ‡ ? Intel® Iris® Plus Graphics 6 Integrated Graphics ‡ ? Intel® Iris® Plus Graphics 6 Integrated Graphics † ? Intel® Iris® Plus Graphics 6 Integrated Graphics † ? Intel® Iris® Plus Graphics 6 Integrated Graphics † ? Intel® Iris® Plus Graphics 6 Integrated Graphics † ? Intel® Iris® Plus Graphics 6 Intel® Iris® Iris® Plus Graphics 6 Intel® Iris® Ir	Max Memory Bandwidth ?	38.4 GB
Processor Graphics  Processor Graphics † ? Intel* Iris* Plus Graphics 6  Integrated Graphics † ? Y Y  Graphics Output ? HDMI 2.0a; USB-C (DP1  # of Displays Supported †  Expansion Options  PCI Express Revision ? Ge  PCI Express Configurations † ? M.2 slot with PCIe X4 lar  Removable Memory Card Slot ? microSDXC with UHS-I supp  M.2 Card Slot (storage) ? 22x42;   I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision ? 2.0, 3.1 Ge  USB 3.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ? Intel* Wireless-AC 9560 + Bluetooth	Max # of DIMMs ?	
Processor Graphics † ? Intel* Iris* Plus Graphics 6 Integrated Graphics † ? Y Y Graphics Output ? HDMI 2.0a; USB-C (DP1 # of Displays Supported †  Expansion Options  PCI Express Revision ? Ge PCI Express Configurations † ? M.2 slot with PCIe X4 lar Removable Memory Card Slot ? microSDXC with UHS-I supp M.2 Card Slot (storage) ? 22x42/  I/O Specifications # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head USB Revision ? 2.0, 3.1 Ge USB 2.0 Configuration (External + Internal) 0 USB 3.0 Configuration (External + Internal) 2B 2F Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated LAN ? Intel* Wireless-AC 9560 + Bluetooth !	ECC Memory Supported ‡ ?	1
Integrated Graphics † ?	Processor Graphics	
Graphics Output ? HDMI 2.0a; USB-C (DP1 # of Displays Supported ‡  Expansion Options  PCI Express Revision ? Ge PCI Express Configurations ‡ ? M.2 slot with PCIe X4 lar Removable Memory Card Slot ? microSDXC with UHS-I supp M.2 Card Slot (storage) ? 22x42/  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head USB Revision ? 2.0, 3.1 Ge USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated LAN ? Intel® Ethernet Connection 1215 Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth 3	Processor Graphics ‡ ?	Intel® Iris® Plus Graphics 6
# of Displays Supported ‡  Expansion Options  PCI Express Revision ② Ge  PCI Express Configurations ‡ ② M.2 slot with PCIe X4 lar  Removable Memory Card Slot ② microSDXC with UHS-I supp  M.2 Card Slot (storage) ② 22x42/  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision ② 2.0, 3.1 Ge  USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ②  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ② 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ③ Intel® Ethernet Connection 1215  Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth	Integrated Graphics ‡ ?	Υ
Expansion Options  PCI Express Revision ? Ge PCI Express Configurations ‡ ? M.2 slot with PCIe X4 lar Removable Memory Card Slot ? microSDXC with UHS-I supp M.2 Card Slot (storage) ? 22x42/  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head USB Revision ? 2.0, 3.1 Ge USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-O RAID Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated LAN ? Intel® Ethernet Connection 1215 Integrated Wireless + Intel® Wireless - AC 9560 + Bluetooth st	Graphics Output ?	HDMI 2.0a; USB-C (DP1
PCI Express Revision ②	# of Displays Supported ‡	
PCI Express Configurations † ② M.2 slot with PCIe X4 lar Removable Memory Card Slot ③ microSDXC with UHS-I supp M.2 Card Slot (storage) ② 22x42/  I/O Specifications # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head USB Revision ③ 2.0, 3.1 Ge USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ③  Max # of SATA Ports ③  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ② 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic Integrated LAN ③ Intel® Ethernet Connection I219 Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth State Page 1.5		Gel
Removable Memory Card Slot ② microSDXC with UHS-I supposed in the supposed in		
M.2 Card Slot (storage) ② 22x42/  I/O Specifications  # of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision ③ 2.0, 3.1 Ge  USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ⑦  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ② 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ⑦ Intel® Ethernet Connection I215  Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth		
# of USB Ports  USB Configuration 2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision 2 2.0, 3.1 Ge  USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ? Intel® Ethernet Connection I219  Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth		22x42/
USB Configuration  2x front and 3x rear USB 3.1 Gen2; 2x USB 2.0 via internal head  USB Revision  2.0, 3.1 Ge  USB 2.0 Configuration (External + Internal)  0  USB 3.0 Configuration (External + Internal)  2B 2F  Total # of SATA Ports  (*)  Max # of SATA 6.0 Gb/s Ports  RAID Configuration  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic  Integrated LAN  Intel® Ethernet Connection 1219  Integrated Wireless‡  Intel® Wireless-AC 9560 + Bluetooth		
USB Revision ② 2.0, 3.1 Ge  USB 2.0 Configuration (External + Internal) 0  USB 3.0 Configuration (External + Internal) 2B 2F  Total # of SATA Ports ③  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ③ 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ③ Intel® Ethernet Connection 1219  Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth		
USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  2B 2F  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ?  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic  Integrated LAN ?  Intel® Ethernet Connection 1219  Integrated Wireless+AC 9560 + Bluetooth	I/O Specifications	
USB 3.0 Configuration (External + Internal)  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ?  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic Integrated LAN ?  Integrated Using Ethernet Connection 1219  Integrated Wireless Intel® Wireless - AC 9560 + Bluetooth 9	I/O Specifications # of USB Ports	3x rear USB 3.1 Gen2; 2x USB 2.0 via internal heado
Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ? 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ? Intel® Ethernet Connection I219  Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth	I/O Specifications # of USB Ports USB Configuration 2x front and 3	
Max # of SATA 6.0 Gb/s Ports  RAID Configuration ② 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel) 7.1 digital (HDMI mDP); L+R mic  Integrated LAN ② Intel® Ethernet Connection I219  Integrated Wireless <sup>‡</sup> Intel® Wireless-AC 9560 + Bluetooth	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision ?	2.0, 3.1 Ge
RAID Configuration ②  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID  Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic  Integrated LAN ③  Intel® Ethernet Connection I219  Integrated Wireless <sup>‡</sup> Intel® Wireless-AC 9560 + Bluetooth	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision ?  USB 2.0 Configuration (External + Internal)	2.0, 3.1 Ge
Audio (back channel + front channel)  7.1 digital (HDMI mDP); L+R mic Integrated LAN ?  Intel® Ethernet Connection I219 Integrated Wireless‡  Intel® Wireless-AC 9560 + Bluetooth	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision 3  USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)	2.0, 3.1 Ge 0 -
Integrated LAN ? Intel® Ethernet Connection I219 Integrated Wireless‡ Intel® Wireless-AC 9560 + Bluetooth	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision 3  USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  Total # of SATA Ports 3	2.0, 3.1 Ge 0 -
Integrated Wireless <sup>‡</sup> Intel® Wireless-AC 9560 + Bluetooth	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision ?  USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports	2.0, 3.1 Ge 0 + 2B 2F +
	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision ?  USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ?	2.0, 3.1 Ge 0 - 2B 2F - 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-
Integrated Bluetooth Y	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision ?  USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ?  Audio (back channel + front channel)	2.0, 3.1 Ge 0 - 2B 2F -  2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID- 7.1 digital (HDMI mDP); L+R mic
	I/O Specifications # of USB Ports  USB Configuration 2x front and 3  USB Revision ?  USB 2.0 Configuration (External + Internal)  USB 3.0 Configuration (External + Internal)  Total # of SATA Ports ?  Max # of SATA 6.0 Gb/s Ports  RAID Configuration ?  Audio (back channel + front channel)  Integrated LAN ?	3x rear USB 3.1 Gen2; 2x USB 2.0 via internal heade 2.0, 3.1 Ger 0+ 2B 2F + 2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID- 7.1 digital (HDMI mDP); L+R mic Intel® Ethernet Connection I219 Intel® Wireless-AC 9560 + Bluetooth 5



#### More support options for Intel® NUC Kit NUC8i3BEH





Downloads and Software



**Support Community** 



Warranty and Replacement



## Need more help?

Contact support



All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

Intel classifications are for informational purposes only and consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company as an importer and/or exporter is responsible for determining the correct classification of your transaction.

Refer to Datasheet for formal definitions of product properties and features.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may

 $System\ and\ Maximum\ TDP\ is\ based\ on\ worst\ case\ scenarios.\ Actual\ TDP\ may\ be\ lower\ if\ not\ all\ I/Os\ for\ chipsets\ are\ used.$ 

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

Company Information Our Commitment Communities Investor Relations Contact Us Newsroom Jobs



© Intel Corporation | Terms of Use | \*Trademarks | Privacy | Cookies | Supply Chain Transparency | Site Map

intel