

## Intel NUC BOXNUC8I3BEH2 PC/workstation barebone UCFF Zwart BGA 1528 i3-8109U 3 GHz

Merk : Intel

Productfamilie: NUC

Artikelcode: BOXNUC8I3BEH2



**Productnaam :**  
BOXNUC8I3BEH2

Intel NUC BOXNUC8I3BEH2. Type behuizing: UCFF, Type product: Mini PC barebone. Processor socket: BGA 1528, BIOS type: EEPROM. Ondersteunde geheugen types: DDR4-SDRAM, Aantal geheugenslots: 2, Maximum intern geheugen: 32 GB. Ondersteunde types opslag-drives: HDD & SSD, Soorten RAID: 0, 1. Aantal Ethernet LAN (RJ-45)-poorten: 1. Wi-Fi-standaarden: 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Bluetooth-versie: 5.0. Type koeling: Actief. Netvoeding: 90 W



Processor		Design	
Type processor *	✓	Productserie	Intel® NUC Kit with 8th Generation Intel® Core™ Processors
Processorfabrikant	Intel	Productcodenaam	BEAN CANYON
Processorfamilie	Intel® Core™ i3	Veiligheid	IEC 60950-1, UL 60950-1, EN 60950-1, CAN/CSA-C22.2 No. 60950-1
Processorgeneratie	Intel® 8de generatie Core™ i3	Certificering	CISPR 32, FCC, ICES, EN, ETSI EN, AS/NZS, VCCI, KN, CNS, RoHS, WEEE
Processormodel	i3-8109U	Prestatie	
Frequentie van processor	3 GHz	Moederbord form factor	UCFF
Aantal processorkernen	2	Processor socket	BGA 1528
Processor aantal threads	4	Aantal ondersteunde processoren	1
Processor lithografie	14 nm	Compatibele processoren	Intel® Core™ i3
Maximale turbofrequentie van processor	3,6 GHz	BIOS type	EEPROM
Processor cache	4 MB	Grootte BIOS-geheugen	64 Mbit
L3 cache	4 MB	Systeem Management BIOS (SMBIOS) versie	2.5
Thermal Design Power (TDP)	28 W	Trusted Platform Module (TPM)	✗
Geheugenbandbreedte ondersteund door de processor ( max)	38,4 GB/s	Audio-uitgangskanalen	7.1 kanalen
Codenaam processor	Coffee Lake	Ondersteunde RAID-configuratie	2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-1)
CPU configuratie (max)	1	Consumer infrared Rx-sensor	✓
Geheugen		Ondersteunt Windows	Windows 11 x64, Windows 10 x64
Geheugen slots type *	SO-DIMM	Compatibele besturingssystemen	Windows 11 (64-bit), Windows 10 (64-bit)
Aantal geheugenslots *	2	Inclusief besturingssysteem	✗
Aantal DIMM sloten	2	Commodity Classification Automated Tracking System (CCATS)	G157815L2
Maximum intern geheugen	32 GB	Export Control Classification Number (ECCN)	5A992C
Supported memory clock speeds	2400 MHz	Processor speciale functies	
Ondersteunde geheugen types	DDR4-SDRAM	Intel® vPro™ Platform Eligibility	✗
Geheugen kanaal	Dubbelkanaals	Intel® High Definition Audio (Intel® HD Audio)	✓
Geheugen bandbreedte (max)	38,4 GB/s	Ingebouwde opties beschikbaar	✗
Geheugen voltage	1.2 V	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Verwijderbare sleuf voor geheugenkaart	microSDXC with UHS-I support		
ECC	✗		
Opslagmedia			
Ondersteunde types opslag-drives *	HDD & SSD		
Opslagmedia afmetingen ondersteund *	M.2,2.5		
SSD-vormfactor	M.2		

<b>Opslagmedia</b>		<b>Processor speciale functies</b>	
Aantal storage drives ondersteund	2	Intel® Rapid Storage Technology	✓
Soorten RAID	0, 1	Intel® AES New Instructions (Intel® AES-NI)	✓
Geïntegreerde geheugenkaartlezer	✓	Intel® Quick Sync Video Technology	✓
Compatibele geheugenkaarten	MicroSDXC	Intel® InTru™ 3D Technology	✓
<b>Grafisch</b>		Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Ingebouwde grafische adapter *	✗	Intel® Turbo Boost Technology	2.0
Grafische adapter-familie	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics adapter model	Intel Iris Plus Graphics 655	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Maximum geheugen grafische adapter	32768 MB	Intel® VT-x with Extended Page Tables (EPT)	✓
Aantal displays ondersteund	3	Intel® 64	✓
<b>Netwerk</b>		Intel® My WiFi Technology (Intel® MWT)	✓
Wifi-standaard	Wi-Fi 5 (802.11ac)	Idle States	✓
Wi-Fi-standaarden	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Enhanced Intel SpeedStep Technology	✓
WLAN-controller-model	Intel Dual Band Wireless-AC 9560	Thermal Monitoring Technologies	✓
Ethernet LAN *	✓	Intel® Flex Memory Access	✓
Koperen ethernetbekabelingstechnologie	1000BASE-T	Intel® Identity Protection Technology (Intel® IPT)	✓
Wifi *	✓	Intel® Trusted Execution Technology	✗
LAN controller	Intel® I219-V	Execute Disable Bit	✓
Bluetooth	✓	Intel® Visual BIOS	✓
Bluetooth-versie	5.0	Intel® Express BIOS-update	✓
<b>Poorten &amp; interfaces</b>		Intel® TSX-NI	✗
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	4	Intel® Secure Key	✓
Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1	Intel® Stable Image Platform Program (SIPP)	✗
Aantal Internal USB 2.0 ports	2	Intel® OS Guard	✓
Aantal HDMI-poorten *	1	Intel® Clear Video-technologie	✓
HDMI versie	2.0a	Intel® Optane™ Memory Ready	✓
Combo koptelefoon/microfoon port	✓	Intel® Platform Trust Technology (Intel® PTT)	✓
Aantal Ethernet LAN (RJ-45)-poorten *	1	Intel® Virtualization Technology (VT-x)	✓
Consumer Infrared Headers	✓	<b>Logistieke gegevens</b>	
Hoeveelheid Thunderbolt ports	1	Code geharmoniseerd systeem (HS)	84713000
Aantal SATA III connectors	2	<b>Energie</b>	
USB-versie	2.0/3.2 Gen 2 (3.1 Gen 2)	Soort voeding *	Externe AC-adapter
Aantal USB-aansluitingen	6	Netvoeding	90 W
Aantal Thunderbolt 3-poorten	1	<b>Eisen aan de omgeving</b>	
M.2-kaartsleuf (opslag)	2242/2280	Bedrijfstemperatuur (T-T)	0 - 40 °C
Grafische uitvoer	HDMI 2.0a; USB-C (DP1.2)	Temperatuur bij opslag	-20 - 60 °C
Aansluiting voor netstroomadapter	✓	<b>Gewicht en omvang</b>	
<b>Uitbreidingsmodules</b>		Breedte	117 mm
PCI Express slots versie	3.0	Diepte	112 mm
PCI Express x4 slots	1	Hoogte	51 mm
Aantal M.2 (M) slots	1	<b>Inhoud van de verpakking</b>	
<b>Design</b>		Processor inbegrepen	Intel® Core™ i3-8109U Processor (4M Cache, up to 3.60 GHz)
Type behuizing *	UCFF	<b>Overige specificaties</b>	
Kleur van het product *	Zwart	Lanceringsdatum	Q3'18
Type koeling *	Actief	Extra headers	CEC, 2x USB2.0, FRONT_PANEL
LED-indicatoren	✓	Aantal SATA-aansluitingen	2
Bevestigingsmogelijkheid voor kabelslot	✓	HDD omvang	2.5"
Kabelslot sleuf type	Kensington	DC voltage input	12 - 19 V
Type product *	Mini PC barebone		
Markt positionering	Bedrijf		
Status	Launched		
ARK ID	126150		
Productfamilie	Intel® NUC Kits		

**Overige specificaties**

ARK ID processor

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