

## Intel NUC BOXNUC8I5BEK2 PC/workstation barebone UCFF Zwart BGA 1528 i5-8259U 2,3 GHz

Merk : Intel

Productfamilie: NUC

Artikelcode: BOXNUC8I5BEK2



**Productnaam :**  
BOXNUC8I5BEK2

Intel NUC BOXNUC8I5BEK2. 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: SSD, Opslag schijf-interface: M.2, SATA III. 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



Processor		Design	
Type processor *	✓	Productfamilie	Intel® NUC Kits
Processorfabrikant	Intel	Productserie	Intel® NUC Kit with 8th Generation Intel® Core™ Processors
Processorfamilie	Intel® Core™ i5	Productcodenaam	BEAN CANYON
Processorgeneratie	Intel® 8de generatie Core™ i5	Veiligheid	IEC 60950-1, UL 60950-1, EN 60950-1, CAN/CSA-C22.2 No. 60950-1
Processormodel	i5-8259U	Certificering	CISPR 32, FCC, ICES, EN, ETSI EN, AS/NZS, VCCI, KN, CNS, RoHS, WEEE
Frequentie van processor	2,3 GHz	<b>Prestatie</b>	
Aantal processorkernen	4	Moederbord form factor	UCFF
Processor aantal threads	8	Processor socket	BGA 1528
Processor lithografie	14 nm	Aantal ondersteunde processoren	1
Maximale turbofrequentie van processor	3,8 GHz	Compatibele processoren	Intel® Core™ i5
Processor cache	6 MB	BIOS type	EEPROM
L3 cache	6 MB	Grootte BIOS-geheugen	64 Mbit
Thermal Design Power (TDP)	28 W	Systeem Management BIOS (SMBIOS) versie	2.5
Geheugenbandbreedte ondersteund door de processor ( max)	38,4 GB/s	Trusted Platform Module (TPM)	✗
Codenaam processor	Coffee Lake	Audio-uitgangskanalen	7.1 kanalen
CPU configuratie (max)	1	Consumer infrared Rx-sensor	✓
<b>Geheugen</b>		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	<b>Processor speciale functies</b>	
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-x
Verwijderbare sleuf voor geheugenkaart	microSDXC with UHS-I support	Intel® Rapid Storage Technology	✓
ECC	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
<b>Opslagmedia</b>		Intel® Quick Sync Video Technology	✓
Ondersteunde types opslag-drives *	SSD	Intel® InTru™ 3D Technology	✓
Opslag schijf afmetingen ondersteund *	M.2		
SSD-vormfactor	M.2		
Opslag schijf-interface	M.2, SATA III		
Aantal storage drives ondersteund	1		
Geïntegreerde geheugenkaartlezer	✓		
Compatibele geheugenkaarten	MicroSD (TransFlash)		

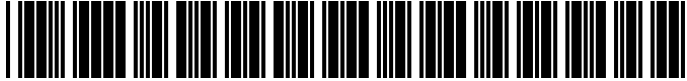
Grafisch		Processor speciale functies	
Ingebouwde grafische adapter *	✗	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Grafische adapter-familie	Intel	Intel® Turbo Boost Technology	2.0
On-board graphics adapter model	Intel Iris Plus Graphics 655	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximum geheugen grafische adapter	32768 MB	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Aantal displays ondersteund	3	Intel® VT-x with Extended Page Tables (EPT)	✓
Netwerk		Intel® 64	✓
Wifi-standaard	Wi-Fi 5 (802.11ac)	Intel® My WiFi Technology (Intel® MWT)	✓
Wi-Fi-standaarden	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Idle States	✓
WLAN-controller-model	Intel Dual Band Wireless-AC 9560	Enhanced Intel SpeedStep Technology	✓
Ethernet LAN *	✓	Thermal Monitoring Technologies	✓
Wifi *	✓	Intel® Flex Memory Access	✓
LAN controller	Intel® I219-V	Intel® Identity Protection Technology (Intel® IPT)	✓
Bluetooth	✓	Intel® Trusted Execution Technology	✗
Bluetooth-versie	5.0	Execute Disable Bit	✓
Poorten & interfaces		Intel® Visual BIOS	✓
Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A	4	Intel® Express BIOS-update	✓
Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1	Intel® TSX-NI	✗
Aantal Internal USB 2.0 ports	2	Intel® Secure Key	✓
Aantal Internal USB 3.2 Gen 1 (3.1 Gen 1) ports	2	Intel® Stable Image Platform Program (SIPP)	✗
Aantal HDMI-poorten *	1	Intel® OS Guard	✓
HDMI versie	2.0a	Intel® Clear Video-technologie	✓
Combo koptelefoon/microfoon port	✓	Intel® Optane™ Memory Ready	✓
Aantal Ethernet LAN (RJ-45)-poorten *	1	Intel® Platform Trust Technology (Intel® PTT)	✓
Consumer Infrared Headers	✓	Intel® Virtualization Technology (VT-x)	✓
Aantal SATA III connectors	2	Logistieke gegevens	
USB-versie	2.0/3.2 Gen 2 (3.1 Gen 2)	Code geharmoniseerd systeem (HS) 84713000	
Aantal USB-aansluitingen	6	Energie	
Aantal Thunderbolt 3-poorten	1	Soort voeding *	Externe AC-adapter
M.2-kaartsleuf (opslag)	2242/2280	AC-adapter, uitgangsspanning	12 - 19 V
Grafische uitvoer	HDMI 2.0a; USB-C (DP1.2)	Eisen aan de omgeving	
Aansluiting voor netstroomadapter	✓	Bedrijfstemperatuur (T-T)	0 - 40 °C
		Temperatuur bij opslag	-20 - 60 °C
Uitbreidingsmodules		Gewicht en omvang	
PCI Express slots versie	3.0	Breedte	117 mm
Aantal M.2 (M) slots	1	Diepte	112 mm
		Hoogte	36 mm
Design		Inhoud van de verpakking	
Type behuizing *	UCFF	Processor inbegrepen	Intel® Core™ i5-8259U Processor (6M Cache, up to 3.80 GHz)
Kleur van het product *	Zwart	Overige specificaties	
Type koeling *	Actief	Lanceringsdatum	Q3'18
Aan/uitschakelaar	✓	Extra headers	CEC, 2x USB2.0, FRONT_PANEL
LED-indicatoren	HDD, Stroom	Aantal SATA-aansluitingen	2
PC gezondheids monitor	Ventilator, Temperatuur, Spanning	DC voltage input	12 - 19 V
Bevestigingsmogelijkheid voor kabelslot	✓	ARK ID processor	135935
Kabelslot sleuf type	Kensington		
Type product *	Mini PC barebone		
Status	Launched		
ARK ID	126147		



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