

## Intel NUC BOXNUC8I7BEH2 PC/workstation barebone UCFF Zwart BGA 1528 i7-8559U 2,7 GHz

Merk : Intel

Productfamilie: NUC

Artikelcode: BOXNUC8I7BEH2



**Productnaam :**  
BOXNUC8I7BEH2

Intel NUC BOXNUC8I7BEH2. 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. Wi-Fi-standaarden: 802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)



Processor		Design	
Type processor *	✓	Productserie	Intel® NUC Kit with 8th Generation Intel® Core™ Processors
Processorfabrikant	Intel	Productcodenaam	BEAN CANYON
Processorfamilie	Intel® Core™ i7	Certificering	CISPR 32, FCC, ICES, EN, ETSI EN, AS/NZS, VCCI, KN, CNS, RoHS, WEEE
Processorgeneratie	Intel® 8de generatie Core™ i7	Prestatie	
Processormodel	i7-8559U	Moederbord form factor	UCFF
Frequentie van processor	2,7 GHz	Processor socket	BGA 1528
Aantal processorkernen	4	Aantal ondersteunde processoren	1
Processor aantal threads	8	BIOS type	EEPROM
Processor lithografie	14 nm	Systeem Management BIOS (SMBIOS) versie	2.5
Maximale turbofrequentie van processor	4,5 GHz	Trusted Platform Module (TPM)	✗
L3 cache	8 MB	Audio-uitgangskanalen	7.1 kanalen
Thermal Design Power (TDP)	28 W	Ondersteunde RAID-configuratie	2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-1)
Codenaam processor	Coffee Lake	Consumer infrared Rx-sensor	✓
CPU configuratie (max)	1	Compatibele besturingssystemen	Windows 10, 64-bit*
Geheugen		Inclusief besturingssysteem	✗
Geheugen slots type *	SO-DIMM	Processor speciale functies	
Aantal geheugenslots *	2	Intel® High Definition Audio (Intel® HD Audio)	✓
Aantal DIMM sloten	2	Ingebouwde opties beschikbaar	✗
Maximum intern geheugen	32 GB	Intel® Virtualization Technology (Intel® VT)	VT-x
Supported memory clock speeds	2400 MHz	Intel® Rapid Storage Technology	✓
Ondersteunde geheugen types	DDR4-SDRAM	Intel® AES New Instructions (Intel® AES-NI)	✓
Geheugen kanaal	Dubbelkanaals	Intel® Quick Sync Video Technology	✓
Geheugen bandbreedte (max)	38,4 GB/s	Intel® InTru™ 3D Technology	✓
Geheugen voltage	1.2 V	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Ondersteunende UDIMM module capaciteit	2GB, 4GB, 8GB, 16GB	Intel® Turbo Boost Technology	2.0
Verwijderbare sleuf voor geheugenkaart	microSDXC with UHS-I support	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
ECC	✗	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Non-ECC	✓	Intel® VT-x with Extended Page Tables (EPT)	✓
Opslagmedia		Intel® 64	✓
Ondersteunde types opslag-drives *	HDD & SSD	Intel® My WiFi Technology (Intel® MWT)	✓
Opslagschijf afmetingen ondersteund *	2.5,M.2	Idle States	✓
Aantal storage drives ondersteund	2		
Soorten RAID	0, 1		
Geïntegreerde geheugenkaartlezer	✓		
Compatibele geheugenkaarten	MicroSDXC		
Grafisch			
Ingebouwde grafische adapter *	✓		

<b>Grafisch</b>		<b>Processor speciale functies</b>	
Grafische adapter-familie	Intel	Enhanced Intel SpeedStep Technology	✓
On-board graphics adapter model	Intel Iris Plus Graphics 655	Thermal Monitoring Technologies	✓
Maximum geheugen grafische adapter	32768 MB	Intel® Flex Memory Access	✓
Aantal displays ondersteund	3	Intel® Identity Protection Technology (Intel® IPT)	✓
<b>Netwerk</b>		Intel® Trusted Execution Technology	✗
Wi-Fi-standaarden	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Execute Disable Bit	✓
Ethernet LAN *	✓	Intel® Smart Cache	✓
Wifi *	✓	Intel® TSX-NI	✗
Bluetooth	✓	Intel® Secure Key	✓
<b>Poorten &amp; interfaces</b>		Intel® Stable Image Platform Program (SIPP)	✗
Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type A	4	Intel® OS Guard	✓
Aantal Internal USB 2.0 ports	2	Intel® Clear Video-technologie	✓
Aantal HDMI-poorten *	1	Intel® Optane™ Memory Ready	✓
HDMI versie	2.0a	Intel® Platform Trust Technology (Intel® PTT)	✓
Combo koptelefoon/microfoon port	✓	Intel® Virtualization Technology (VT-x)	✓
Consumer Infrared Headers	✓	<b>Logistieke gegevens</b>	
Aantal SATA III connectors	2	Code geharmoniseerd systeem (HS) 84713000	
Aantal USB-aansluitingen	6	<b>Energie</b>	
Aantal Thunderbolt 3-poorten	1	Soort voeding *	Externe AC-adapter
M.2-kaartsleuf (opslag)	22x42/80	AC-adapter, uitgangsspanning	12 - 19 V
Grafische uitvoer	HDMI 2.0a; USB-C (DP1.2)	<b>Gewicht en omvang</b>	
Aansluiting voor netstroomadapter	✓	Breedte	117 mm
<b>Uitbreidingsmodules</b>		Diepte	112 mm
PCI Express slots versie	3.0	Hoogte	51 mm
Aantal M.2 (M) slots	1	<b>Inhoud van de verpakking</b>	
PCI Express configuraties	1x2+2x1, 1x4, 2x2, 4x1	Inclusief netsnoer	✓
<b>Design</b>		Inclusief AC-adapter	✓
Type behuizing *	UCFF	Processor inbegrepen	Intel® Core™ i7-8559U Processor (8M Cache, up to 4.50 GHz)
Kleur van het product *	Zwart	<b>Overige specificaties</b>	
Aan/uitschakelaar	✓	Aantal SATA-aansluitingen	2
Bevestigingsmogelijkheid voor kabelslot	✓	DC voltage input	12-19 DC
Kabelslot sleuf type	Kensington	ARK ID processor	137979
Type product *	Mini PC barebone		
Status	Launched		
ARK ID	126140		
Productfamilie	Intel® NUC Kits		



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