

Intel NUC BOXNUC8I5BEH2 PC/workstation barebone UCFF Zwart BGA 1528 i5-8259U 2,3 GHz

Merk : Intel

Productfamilie: NUC

Artikelcode: BOXNUC8I5BEH2



Productnaam :
BOXNUC8I5BEH2

Intel NUC BOXNUC8I5BEH2. 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 *	✓	Certificering	CISPR 32, FCC, ICES, EN, ETSI EN, AS/NZS, VCCI, KN, CNS, RoHS, WEEE
Processorfabrikant	Intel	Prestatie	
Processorfamilie	Intel® Core™ i5	Moederbord form factor	UCFF
Processorgeneratie	Intel® 8de generatie Core™ i5	Processor socket	BGA 1528
Processormodel	i5-8259U	Aantal ondersteunde processoren	1
Frequentie van processor	2,3 GHz	Compatibele processoren	Intel® Core™ i5
Aantal processorkernen	4	BIOS type	EEPROM
Processor aantal threads	8	Grootte BIOS-geheugen	64 Mbit
Processor lithografie	14 nm	Systeem Management BIOS (SMBIOS) versie	2.5
Maximale turbofrequentie van processor	3,8 GHz	Trusted Platform Module (TPM)	✗
Processor cache	6 MB	Audio-uitgangskanalen	7.1 kanalen
L3 cache	6 MB	Ondersteunde RAID-configuratie	2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-1)
Thermal Design Power (TDP)	28 W	Consumer infrared Rx-sensor	✓
Geheugenbandbreedte ondersteund door de processor (max)	38,4 GB/s	Ondersteunt Windows	Windows 11 x64, Windows 10 x64
Codenaam processor	Coffee Lake	Compatibele besturingssystemen	Windows 11 (64-bit), Windows 10 (64-bit)
CPU configuratie (max)	1	Inclusief besturingssysteem	✗
Geheugen		Commodity Classification Automated Tracking System (CCATS)	G157815L2
Geheugen slots type *	SO-DIMM	Export Control Classification Number (ECCN)	5A992C
Aantal geheugenslots *	2	Processor speciale functies	
Aantal DIMM sloten	2	Intel® vPro™ Platform Eligibility	✗
Maximum intern geheugen	32 GB	Intel® High Definition Audio (Intel® HD Audio)	✓
Supported memory clock speeds	2400 MHz	Ingebouwde opties beschikbaar	✗
Ondersteunde geheugen types	DDR4-SDRAM	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Geheugen kanaal	Dubbelkanaals	Intel® Rapid Storage Technology	✓
Geheugen bandbreedte (max)	38,4 GB/s	Intel® AES New Instructions (Intel® AES-NI)	✓
Geheugen voltage	1.2 V	Intel® Quick Sync Video Technology	✓
Verwijderbare sleuf voor geheugenkaart	microSDXC with UHS-I support	Intel® InTru™ 3D Technology	✓
ECC	✗		
Opslagmedia			
Ondersteunde types opslag-drives *	HDD & SSD		
Opslagschijf afmetingen ondersteund *	M.2,2.5		
SSD-vormfactor	M.2		

Opslagmedia		Processor speciale functies	
Aantal storage drives ondersteund	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Soorten RAID	0, 1	Intel® Turbo Boost Technology	2.0
Geïntegreerde geheugenkaartlezer	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Compatibele geheugenkaarten	MicroSDXC	Intel® Virtualization Technology for Directed I/O (VT-d)	✓
Grafisch		Intel® VT-x with Extended Page Tables (EPT)	✓
Ingebouwde grafische adapter *	✗	Intel® 64	✓
Grafische adapter-familie	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
On-board graphics adapter model	Intel Iris Plus Graphics 655	Idle States	✓
Maximum geheugen grafische adapter	32768 MB	Enhanced Intel SpeedStep Technology	✓
Aantal displays ondersteund	3	Thermal Monitoring Technologies	✓
Netwerk		Intel® Flex Memory Access	✓
Wifi-standaard	Wi-Fi 5 (802.11ac)	Intel® Identity Protection Technology (Intel® IPT)	✓
Wi-Fi-standaarden	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Intel® Trusted Execution Technology	✗
WLAN-controller-model	Intel Dual Band Wireless-AC 9560	Execute Disable Bit	✓
Ethernet LAN *	✓	Intel® Visual BIOS	✓
Wifi *	✓	Intel® Express BIOS-update	✓
LAN controller	Intel® I219-V	Intel® TSX-NI	✗
Bluetooth	✓	Intel® Secure Key	✓
Bluetooth-versie	5.0	Intel® Stable Image Platform Program (SIPP)	✗
Poorten & interfaces		Intel® OS Guard	✓
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	4	Intel® Clear Video-technologie	✓
Aantal poorten USB 3.2 Gen 2 (3.1 Gen 2) Type C	1	Intel® Optane™ Memory Ready	✓
Aantal Internal USB 2.0 ports	2	Intel® Platform Trust Technology (Intel® PTT)	✓
Aantal HDMI-poorten *	1	Intel® Virtualization Technology (VT-x)	✓
HDMI versie	2.0a	Logistieke gegevens	
Combo koptelefoon/microfoon port	✓	Code geharmoniseerd systeem (HS)	84713000
Aantal Ethernet LAN (RJ-45)-poorten *	1	Energie	
Consumer Infrared Headers	✓	Soort voeding *	Externe AC-adaptor
Aantal SATA III connectors	2	Netvoeding	90 W
USB-versie	2.0/3.2 Gen 2 (3.1 Gen 2)	Eisen aan de omgeving	
Aantal USB-aansluitingen	6	Bedrijfstemperatuur (T-T)	0 - 40 °C
Aantal Thunderbolt 3-poorten	1	Temperatuur bij opslag	-20 - 60 °C
M.2-kaartsleuf (opslag)	2242/2280	Gewicht en omvang	
Grafische uitvoer	HDMI 2.0a; USB-C (DP1.2)	Breedte	117 mm
Aansluiting voor netstroomadapter	✓	Diepte	112 mm
Uitbreidingsmodules		Hoogte	51 mm
PCI Express slots versie	3.0	Inhoud van de verpakking	
PCI Express x4 slots	1	Inclusief netsnoer	✓
Aantal M.2 (M) slots	1	Processor inbegrepen	Intel® Core™ i5-8259U Processor (6M Cache, up to 3.80 GHz)
Design		Overige specificaties	
Type behuizing *	UCFF	Lanceringsdatum	Q3'18
Kleur van het product *	Zwart	Extra headers	CEC, 2x USB2.0, FRONT_PANEL
Type koeling *	Actief	Aantal SATA-aansluitingen	2
LED-indicatoren	✓	HDD omvang	2.5"
Bevestigingsmogelijkheid voor kabelslot	✓	DC voltage input	12 - 19 V
Kabelslot sleuf type	Kensington	ARK ID processor	135935
Type product *	Mini PC barebone		
Status	Launched		
ARK ID	126148		
Productfamilie	Intel NUC		
Productserie	Intel NUC kit		
Productcodenaam	Bean Canyon		

Design

Veiligheid

IEC 60950-1, UL 60950-1, EN
60950-1, CAN/CSA-C22.2 No.
60950-1



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