

Intel NUC NUC10i7FNKN UCFF Black i7-10710U 1.1 GHz

Brand : Intel

Product family: NUC

Product code:
BXNUC10i7FNKN2

Product name : NUC10i7FNKN



Intel® NUC 10 Performance kit - NUC10i7FNKN

Intel NUC NUC10i7FNKN. Chassis type: UCFF, Product type: Mini PC barebone. Supported memory types: DDR4-SDRAM, Number of memory slots: 2, Maximum internal memory: 64 GB. Supported storage drive types: SSD. Ethernet LAN (RJ-45) ports: 1. Wi-Fi standards: Wi-Fi 6 (802.11ax), Bluetooth version: 5.2. Cooling type: Active



Processor		Ports & interfaces	
Built-in processor *	✓	M.2 card slot (storage)	2242/2280
Processor manufacturer	Intel	DC-in jack	✓
Processor family	Intel® Core™ i7	Expansion slots	
Processor generation	10th gen Intel® Core™ i7	PCI Express slots version	3.0
Processor model	i7-10710U	Design	
Processor frequency	1.1 GHz	Chassis type *	UCFF
Processor cores	6	Product colour *	Black
Processor threads	12	Cooling type *	Active
Processor lithography	14 nm	On/off switch	✓
Processor boost frequency	4.7 GHz	Product type *	Mini PC barebone
Processor cache	12 MB	Status	Launched
Thermal Design Power (TDP)	25 W	ARK ID	214614
Memory bandwidth supported by processor (max)	42.6 GB/s	Performance	
CPU configuration (max)	1	Motherboard form factor	UCFF
Memory		Trusted Platform Module (TPM)	✗
Memory slots type *	SO-DIMM	Audio output channels	7.1 channels
Number of memory slots *	2	Consumer infrared Rx sensor	✓
Number of DIMM slots	2	Windows operating systems supported	Windows 10 x64
Maximum internal memory	64 GB	Compatible operating systems	Windows 11 (64-bit), Windows 10 (64-bit)
Supported memory clock speeds	2666 MHz	Commodity Classification Automated Tracking System (CCATS)	G157815L2
Supported memory types	DDR4-SDRAM	Harmonized System (HS) code	84713000
Memory channels	Dual-channel	Export Control Classification Number (ECCN)	5A992C
Memory bandwidth (max)	42.6 GB/s	Processor special features	
Memory voltage	1.2 V	Intel® vPro™ Platform Eligibility	✗
Removable memory card slot	SDXC with UHS-II support	Intel® High Definition Audio (Intel® HD Audio)	✗
ECC	✗	Embedded options available	✗
Non-ECC	✓	Intel Rapid Storage Technology	✓
Storage		Intel® AES New Instructions (Intel® AES-NI)	✓
Supported storage drive types *	SSD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage drive sizes supported *	M.2	Intel VT-x with Extended Page Tables (EPT)	✓
SSD form factor	M.2	Intel 64	✓
Number of storage drives supported	1	Idle States	✓
Card reader integrated	✓	Enhanced Intel SpeedStep Technology	✓
Compatible memory cards	SD, SDHC, SDXC		
Graphics			
On-board graphics card *	✗		
On-board graphics card model	Intel® UHD Graphics		
Number of displays supported	3		
Audio			
Built-in speaker(s) *	✗		

Network		Processor special features	
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Intel Flex Memory Access	✓
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Intel Trusted Execution Technology	✗
WLAN controller model	Intel Wi-Fi 6 AX201	Execute Disable Bit	✓
Ethernet LAN *	✓	Intel TSX-NI	✗
Wi-Fi *	✓	Intel Stable Image Platform Program (SIPP)	✗
LAN controller	Intel® I219-V	Intel Clear Video Technology	✓
Bluetooth	✓	Intel® Optane™ Memory Ready	✓
Bluetooth version	5.2	Intel® Platform Trust Technology (Intel® PTT)	✓
Ports & interfaces		Intel Virtualization Technology (VT-x)	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3	Power	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Power supply type *	External AC adapter
Internal USB 2.0 ports quantity	2	Weight & dimensions	
HDMI ports quantity *	1	Width	117 mm
HDMI version	2.0b	Depth	112 mm
Combo headphone/mic port	✓	Height	38 mm
Ethernet LAN (RJ-45) ports *	1	Packaging content	
Number of SATA III connectors	2	Power cord included	✓
USB version	2.0/3.2 Gen 2 (3.1 Gen 2)	Other features	
USB ports quantity	7	Launch date	Q2'21
Thunderbolt 3 ports quantity	1	Additional headers	CEC, 2x USB2.0, FRONT_PANEL, RGB
		Number of SATA connectors	2
		DC input voltage	19 V



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