

## Intel NUC 11 Pro UCFF Black i5-1145G7

Brand : Intel

Product family: NUC

Product code:  
BNUC11TNKV50000



Product name : 11 Pro

Intel® NUC 11 Pro Kit NUC11TNKV5

Intel NUC 11 Pro. 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, Storage drive interface: M.2. Ethernet LAN (RJ-45) ports: 1. Wi-Fi standards: Wi-Fi 6 (802.11ax). Power supply: 28 W



Processor		Ports & interfaces	
Built-in processor *	✓	USB ports quantity	4
Processor manufacturer	Intel	Thunderbolt 3 ports quantity	1
Processor family	Intel® Core™ i5	M.2 card slot (storage)	2280 NVMe (M); 2242 SATA (B)
Processor generation	11th gen Intel® Core™ i5	DC-in jack	✓
Processor model	i5-1145G7	Expansion slots	
Processor cores	4	PCI Express slots version	4.0
Processor threads	8	Design	
Processor lithography	10 nm	Chassis type *	UCFF
Processor boost frequency	4.4 GHz	Product colour *	Black
Processor cache	8 MB	On/off switch	✓
Thermal Design Power (TDP)	28 W	Product type *	Mini PC barebone
CPU configuration (max)	1	Status	Launched
Memory		ARK ID	205597
Memory slots type *	SO-DIMM	Performance	
Number of memory slots *	2	Motherboard form factor	UCFF
Number of DIMM slots	2	Trusted Platform Module (TPM)	✓
Maximum internal memory	64 GB	Trusted Platform Module (TPM) version	2.0
Supported memory clock speeds	3200 MHz	Commodity Classification Automated Tracking System (CCATS)	G157815L2
Supported memory types	DDR4-SDRAM	Export Control Classification Number (ECCN)	5A992C
Memory channels	Dual-channel	Processor special features	
ECC	✗	Intel® vPro™ Platform Eligibility	✓
Storage		Embedded options available	✗
Supported storage drive types *	SSD	Intel® AES New Instructions (Intel® AES-NI)	✓
Storage drive sizes supported *	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel VT-x with Extended Page Tables (EPT)	✓
Storage drive interface	M.2	Idle States	✓
Number of storage drives supported	2	Intel Trusted Execution Technology	✓
Graphics		Intel ME Firmware Version	15
On-board graphics card *	✗	Intel Stable Image Platform Program (SIPP)	✓
Graphics card family	Intel	Intel® Optane™ Memory Ready	✗
On-board graphics card model	Intel Iris Xe Graphics	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model	Not available	Logistics data	
Number of displays supported	4	Harmonized System (HS) code	84713000
Audio			
Built-in speaker(s) *	✗		
Network			
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
WLAN controller model	Intel Wi-Fi 6 AX201		
Ethernet LAN *	✓		
Wi-Fi *	✓		
LAN controller	Intel I225-LM		

Network		Software	
Bluetooth	✓	Windows operating systems supported	Windows 10 x64, Windows 10 IoT Enterprise
<b>Ports &amp; interfaces</b>		Linux operating systems supported	RedHat EL Linux, Ubuntu 20.04 LTS
USB 2.0 ports quantity *	1	Compatible operating systems	Windows 10 IoT Enterprise* Linux*
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	<b>Power</b>	
Internal USB 2.0 ports quantity	2	Power supply type *	External AC adapter
Internal USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	1	Power supply	28 W
HDMI ports quantity *	2	Number of power supply units	1
DisplayPorts quantity	1	AC adapter output voltage	12 - 24 V
Ethernet LAN (RJ-45) ports *	1	<b>Weight &amp; dimensions</b>	
Thunderbolt ports quantity	2	Width	117 mm
Serial port via internal header	✓	Depth	112 mm
M.2 card slot (wireless)	2230 (E-key) (E)	Height	37 mm
		<b>Other features</b>	
		Launch date	Q1'21
		Additional headers	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2 power connector
		DC input voltage	12 - 20 V



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