

Intel NUC 11 Pro UCFF Black i7-1165G7

Brand : Intel

Product family: NUC

Product code:
BNUC11TNKI70002



Product name : 11 Pro

Intel® NUC 11 Pro Kit NUC11TNKi7

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 *	✓	Serial port via internal header	✓
Processor manufacturer	Intel	M.2 card slot (wireless)	2230 (E-key) (E)
Processor family	Intel® Core™ i7	USB ports quantity	4
Processor generation	11th gen Intel® Core™ i7	Thunderbolt 3 ports quantity	1
Processor model	i7-1165G7	M.2 card slot (storage)	2280 NVMe (M); 2242 SATA (B)
Processor cores	4	DC-in jack	✓
Processor threads	8	Expansion slots	
Processor lithography	10 nm	PCI Express slots version	4.0
Processor boost frequency	4.7 GHz	Design	
Processor cache	12 MB	Chassis type *	UCFF
Thermal Design Power (TDP)	28 W	Product colour *	Black
CPU configuration (max)	1	On/off switch	✓
Memory		Product type *	Mini PC barebone
Memory slots type *	SO-DIMM	Status	Launched
Number of memory slots *	2	ARK ID	205599
Number of DIMM slots	2	Performance	
Maximum internal memory	64 GB	Motherboard form factor	UCFF
Supported memory clock speeds	3200 MHz	Windows operating systems supported	Windows 10 x64, Windows 10 IoT Enterprise
Supported memory types	DDR4-SDRAM	Linux operating systems supported	RedHat EL Linux, Ubuntu 20.04 LTS
Memory channels	Dual-channel	Compatible operating systems	Windows 10 IoT Enterprise* Linux*
ECC	✗	Commodity Classification	
Storage		Automated Tracking System (CCATS)	G157815L2
Supported storage drive types *	SSD	Harmonized System (HS) code	84713000
Storage drive sizes supported *	M.2	Export Control Classification Number (ECCN)	5A992C
SSD form factor	M.2	Processor special features	
Storage drive interface	M.2	Embedded options available	✗
Number of storage drives supported	2	Intel® AES New Instructions (Intel® AES-NI)	✓
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Graphics card family	Intel	Idle States	✓
On-board graphics card model	Intel Iris Xe Graphics	Intel Trusted Execution Technology	✗
Number of displays supported	4	Intel ME Firmware Version	15
Audio		Intel Stable Image Platform Program (SIPP)	✗
Built-in speaker(s) *	✗	Intel® Optane™ Memory Ready	✗
Network		Intel® Platform Trust Technology (Intel® PTT)	✓
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)	Intel Virtualization Technology (VT-x)	✓
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		
Bluetooth	✓		

Ports & interfaces	
USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Internal USB 2.0 ports quantity	2
Internal USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	1
HDMI ports quantity *	2
DisplayPorts quantity	1
Ethernet LAN (RJ-45) ports *	1
Thunderbolt ports quantity	2

Power	
Power supply type *	External AC adapter
Power supply	28 W
Number of power supply units	1
AC adapter output voltage	12 - 24 V

Weight & dimensions	
Width	117 mm
Depth	112 mm
Height	37 mm

Other features	
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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