

Intel NUC 11 Pro UCFF Black i5-1145G7

Brand : Intel

Product family: NUC

Product code:
BNUC11TNHV50002



Product name : 11 Pro

Intel® NUC 11 Pro Kit NUC11TNHV5

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: HDD & SSD, Storage drive interface: M.2, Serial ATA III. Ethernet LAN (RJ-45) ports: 1. Wi-Fi standards: Wi-Fi 6 (802.11ax). Power supply: 28 W



Processor		Ports & interfaces	
Built-in processor *	✓	M.2 card slot (wireless)	2230 (E-key) (E)
Processor manufacturer	Intel	USB ports quantity	4
Processor family	Intel® Core™ i5	Thunderbolt 3 ports quantity	1
Processor generation	11th gen Intel® Core™ i5	M.2 card slot (storage)	2280 NVMe (M); 2242 SATA (B)
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	205602
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	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*
Memory voltage	1.2 V	Commodity Classification	
ECC	✗	Automated Tracking System (CCATS)	G157815L2
Storage		Export Control Classification Number (ECCN)	5A992C
Supported storage drive types *	HDD & SSD	Processor special features	
Storage drive sizes supported *	M.2,2.5	Intel® vPro™ Platform Eligibility	✓
SSD form factor	M.2	Embedded options available	✗
Storage drive interface	M.2, Serial ATA III	Intel® AES New Instructions (Intel® AES-NI)	✓
Number of storage drives supported	3	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel VT-x with Extended Page Tables (EPT)	✓
On-board graphics card *	✗	Idle States	✓
Graphics card family	Intel	Intel Trusted Execution Technology	✓
On-board graphics card model	Intel Iris Xe Graphics	Intel ME Firmware Version	15
Discrete graphics card model	Not available	Intel Stable Image Platform Program (SIPP)	✓
Number of displays supported	4	Intel® Optane™ Memory Ready	✗
Audio		Intel Virtualization Technology (VT-x)	✓
Built-in speaker(s) *	✗	Network	
Network		Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Wi-Fi standards	Wi-Fi 6 (802.11ax)
WLAN controller model	Intel Wi-Fi 6 AX201	Ethernet LAN *	✓
Ethernet LAN *	✓	Wi-Fi *	✓

Network		Logistics data	
LAN controller	Intel I225-LM	Harmonized System (HS) code	84713000
Bluetooth	✓	Power	
Ports & interfaces		Power supply type *	External AC adapter
USB 2.0 ports quantity *	1	Power supply	28 W
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Number of power supply units	1
Internal USB 2.0 ports quantity	2	AC adapter output voltage	12 - 24 V
Internal USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	1	Weight & dimensions	
HDMI ports quantity *	2	Width	117 mm
Ethernet LAN (RJ-45) ports *	1	Depth	112 mm
Thunderbolt ports quantity	2	Height	54 mm
Serial port via internal header	✓	Other features	
Number of SATA III connectors	1	Launch date	Q1'21
		Additional headers	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2 power connector
		Number of SATA connectors	1
		HDD size	2.5"
		DC input voltage	12 - 20 V



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