intel.

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

intel iRISxe GRAPHICS   **intel CORE vPRO i5**

Processor

Built-in processor *	✔
Processor manufacturer	Intel
Processor family	Intel® Core™ i5
Processor generation	11th gen Intel® Core™ i5
Processor model	i5-1145G7
Processor cores	4
Processor threads	8
Processor lithography	10 nm
Processor boost frequency	4.4 GHz
Processor cache	8 MB
Thermal Design Power (TDP)	28 W
CPU configuration (max)	1

Memory

Memory slots type *	SO-DIMM
Number of memory slots *	2
Number of DIMM slots	2
Maximum internal memory	64 GB
Supported memory clock speeds	3200 MHz
Supported memory types	DDR4-SDRAM
Memory channels	Dual-channel
Memory voltage	1.2 V
ECC	✖

Storage

Supported storage drive types *	HDD & SSD
Storage drive sizes supported *	M.2,2.5
SSD form factor	M.2
Storage drive interface	M.2, Serial ATA III
Number of storage drives supported	3

Graphics

On-board graphics card *	✖
Graphics card family	Intel
On-board graphics card model	Intel Iris Xe Graphics
Discrete graphics card model	Not available
Number of displays supported	4

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 *	✔

Ports & interfaces

M.2 card slot (wireless)	2230 (E-key) (E)
USB ports quantity	4
Thunderbolt 3 ports quantity	1
M.2 card slot (storage)	2280 NVMe (M); 2242 SATA (B)

Expansion slots

PCI Express slots version	4.0

Design

Chassis type *	UCFF
Product colour *	Black
On/off switch	✔
Product type *	Mini PC barebone
Status	Launched
ARK ID	205602

Performance

Motherboard form factor	UCFF
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Windows operating systems supported	Windows 10 x64, Windows 10 IoT Enterprise
Linux operating systems supported	RedHat EL Linux, Ubuntu 20.04 LTS
Compatible operating systems	Windows 10 IoT Enterprise*|Linux*
Commodity Classification Automated Tracking System (CCATS)	G157815L2
Export Control Classification Number (ECCN)	5A992C

Processor special features

Intel® vPro™ Platform Eligibility	✔
Embedded options available	✖
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Idle States	✔
Intel Trusted Execution Technology	✔
Intel ME Firmware Version	15
Intel Stable Image Platform Program (SIPP)	✔
Intel® Optane™ Memory Ready	✖
Intel Virtualization Technology (VT-x)	✔

Network

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
Ethernet LAN (RJ-45) ports *	1
Thunderbolt ports quantity	2
Serial port via internal header	✔
Number of SATA III connectors	1

Logistics data

Harmonized System (HS) code	84713000

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	54 mm

Other features

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

5032037205252

0735858465885

735858465885

5032037205269