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Intel NUC 12 Pro Kit NUC12WSKi5 UCFF Black i5-1240P

Brand : Intel

Product family: NUC

Article code:
RNUC12WSKI50000

Product name : NUC 12 Pro Kit
NUC12WSKi5

Intel® NUC 12 Pro Kit NUC12WSKi5
Intel NUC 12 Pro Kit NUC12WSKi5. 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 6E (802.11ax), Bluetooth version: 5.3. Cooling type: Active

Processor	
Built-in processor *	✔
Processor manufacturer	Intel
Processor family	Intel® Core™ i5
Processor generation	12th gen Intel® Core™ i5
Processor model	i5-1240P
Processor boost frequency	4.4 GHz
Processor cache	12 MB
Thermal Design Power (TDP)	35 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 *	SSD
Storage drive sizes supported *	M.2
SSD form factor	M.2
Storage drive interface	M.2
NVMe	✔
Number of storage drives supported	2

Graphics	
On-board graphics card *	✔
Graphics card family	Intel
On-board graphics card model	Intel Iris Xe Graphics
Discrete graphics card model	Not available
Maximum resolution	7680 x 4320 pixels
Number of displays supported	4

Audio	
Built-in speaker(s) *	✘

Network	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller model	Intel Wi-Fi 6E AX211
Ethernet LAN *	✔

Expansion slots	
PCI Express slots version	3.0, 4.0

Design	
Chassis type *	UCFF
Product color *	Black
Cooling type *	Active
On/off switch	✔
LED indicators	✔
Cable lock slot	✔
Cable lock slot type	Kensington
Product type *	Mini PC barebone
Status	Launched
ARK ID	121623

Performance	
Motherboard form factor	UCFF
Number of processors supported	1
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0
Audio output channels	7.1 channels
Windows operating systems supported	Windows 10 IoT Enterprise, Windows 10 x64, Windows 11 x64
Linux operating systems supported	✔
Compatible operating systems	Windows 11 Home, Windows 11 Pro, Windows 10 Home, Windows 10 IoT Enterprise, Windows 10 Pro, Red Hat Linux, Ubuntu 20.04 LTS
Commodity Classification Automated Tracking System (CCATS)	G157815L2
Export Control Classification Number (ECCN)	5A992C

Processor special features	
Intel® High Definition Audio (Intel® HD Audio)	✔
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)	✔
Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Execute Disable Bit	✔

Network

Wi-Fi *	✔
LAN controller	Intel I225-V
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 2.0 ports quantity *	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
HDMI ports quantity *	2
HDMI version	2.0b
DisplayPorts quantity	1
Combo headphone/mic port	✔
Ethernet LAN (RJ-45) ports *	1
Serial port via internal header	✖
M.2 card slot (wireless)	2230 (E-key) (E)
USB ports quantity	4
M.2 card slot (storage)	2280 NVMe (M); 2242 SATA (B)
Thunderbolt 4 ports quantity	2
DC-in jack	✔

Processor special features

Intel ME Firmware Version	16
Intel® Optane™ Memory Ready	✖
Intel® Platform Trust Technology (Intel® PTT)	✔
Intel Virtualization Technology (VT-x)	✔

Logistics data

Harmonized System (HS) code	8471500150

Power

Power supply type *	External AC adapter

Operational conditions

Operating temperature (T-T)	0 - 40 °C

Weight & dimensions

Width	4.61" (117 mm)
Depth	4.41" (112 mm)
Height	1.46" (37 mm)

Other features

Launch date	Q3'22
Additional headers	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2 power connector

* Europ Computer n'est pas responsable des erreurs dans la documentation des produits.