

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		Expansion slots	
Built-in processor *	✓	PCI Express slots version	3.0, 4.0
Processor manufacturer	Intel	Design	
Processor family	Intel® Core™ i5	Chassis type *	UCFF
Processor generation	12th gen Intel® Core™ i5	Product color *	Black
Processor model	i5-1240P	Cooling type *	Active
Processor boost frequency	4.4 GHz	On/off switch	✓
Processor cache	12 MB	LED indicators	✓
Thermal Design Power (TDP)	35 W	Cable lock slot	✓
CPU configuration (max)	1	Cable lock slot type	Kensington
Memory		Product type *	Mini PC barebone
Memory slots type *	SO-DIMM	Status	Launched
Number of memory slots *	2	ARK ID	121623
Number of DIMM slots	2	Performance	
Maximum internal memory	64 GB	Motherboard form factor	UCFF
Supported memory clock speeds	3200 MHz	Number of processors supported	1
Supported memory types	DDR4-SDRAM	Trusted Platform Module (TPM)	✓
Memory channels	Dual-channel	Trusted Platform Module (TPM) version	2.0
Memory voltage	1.2 V	Audio output channels	7.1 channels
ECC	✗	Windows operating systems supported	Windows 10 IoT Enterprise, Windows 10 x64, Windows 11 x64
Storage		Linux operating systems supported	✓
Supported storage drive types *	SSD	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
Storage drive sizes supported *	M.2	Commodity Classification Automated Tracking System (CCATS)	G157815L2
SSD form factor	M.2	Export Control Classification Number (ECCN)	5A992C
Storage drive interface	M.2	Processor special features	
NVMe	✓	Intel® High Definition Audio (Intel® HD Audio)	✓
Number of storage drives supported	2	Embedded options available	✗
Graphics		Intel® AES New Instructions (Intel® AES-NI)	✓
On-board graphics card *	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics card family	Intel	Intel VT-x with Extended Page Tables (EPT)	✓
On-board graphics card model	Intel Iris Xe Graphics	Intel Flex Memory Access	✓
Discrete graphics card model	Not available	Intel Trusted Execution Technology	✓
Maximum resolution	7680 x 4320 pixels	Execute Disable Bit	✓
Number of displays supported	4	Audio	
Audio		Built-in speaker(s) *	✗
Network		Network	
Top Wi-Fi standard	Wi-Fi 6E (802.11ax)	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Wi-Fi standards	Wi-Fi 6E (802.11ax)
WLAN controller model	Intel Wi-Fi 6E AX211	WLAN controller model	Intel Wi-Fi 6E AX211
Ethernet LAN *	✓	Ethernet LAN *	✓

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Network		Processor special features	
Wi-Fi *	✓	Intel ME Firmware Version	16
LAN controller	Intel I225-V	Intel® Optane™ Memory Ready	✗
Bluetooth	✓	Intel® Platform Trust Technology (Intel® PTT)	✓
Bluetooth version	5.3	Intel Virtualization Technology (VT-x)	✓
Ports & interfaces		Logistics data	
USB 2.0 ports quantity *	1	Harmonized System (HS) code	8471500150
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Power	
HDMI ports quantity *	2	Power supply type *	External AC adapter
HDMI version	2.0b	Operational conditions	
DisplayPorts quantity	1	Operating temperature (T-T)	0 - 40 °C
Combo headphone/mic port	✓	Weight & dimensions	
Ethernet LAN (RJ-45) ports *	1	Width	4.61" (117 mm)
Serial port via internal header	✗	Depth	4.41" (112 mm)
M.2 card slot (wireless)	2230 (E-key) (E)	Height	1.46" (37 mm)
USB ports quantity	4	Other features	
M.2 card slot (storage)	2280 NVMe (M); 2242 SATA (B)	Launch date	Q3'22
Thunderbolt 4 ports quantity	2	Additional headers	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2 power connector
DC-in jack	✓		

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