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Intel[®] NUC 8 Pro Kit NUC8v5PNH

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From \$548.01

Specifications	Essentials	Export specifications
Essentials	Product Collection	Intel [®] NUC Kit with 8th Generation Intel [®] Core [™] Processors
Supplemental Information	Product Collection	Intel [®] NOC Kit with 8th Generation Intel [®] Core [®] Processors
Memory & Storage	Code Name	Products formerly Provo Canyon
Processor Graphics	Status	Launched
Expansion Options	Launch Date 🕐	Q1'20
I/O Specifications		
Package Specifications	Supported Operating Systems	Windows 10, 64-bit*, Windows 10 IoT Enterprise*, Windows Server 2019*, Ubuntu 18.04 LTS*
Advanced Technologies	Board Number	NUC8v5PNB
Security & Reliability		NOCOVOFIND
Ordering and Compliance	Board Form Factor	UCFF (4" x 4")
Ordering and spec information	Socket	Soldered-down BGA
Trade compliance information	Internal Drive Form Factor	M.2 and 2.5" Drive
PCN/MDDS Information	# of Internal Drives Supported	2
Compatible Products	DC Input Voltage Supported	12-24 VDC
Drivers and Software	Processor Included	Intel® Core™ i5-8365U Processor (6M Cache, up to 4.10 GHz)
Technical Documentation	Intel vPro [®] Platform Eligibility [‡] ?	Yes
	# of Cores 🕐	4
	# of Threads ?	8
	Processor Base Frequency ?	1.60 GHz
	Max Turbo Frequency 🕐	4.10 GHz
	Warranty Period ?	3 yrs
	Supplemental Information	
	Description	Intel® NUC 8 Pro Kit
	Memory & Storage	

Plax Plenory Size (dependent of memory type)	04 86
Memory Types 🕐	DDR4-2400 1.2V SO-DIMM
Max # of Memory Channels ?	2
Max # of DIMMs ?	2
ECC Memory Supported * ?	No

Processor Graphics

Processor Graphics ‡ 🕐	Intel® UHD Graphics for 8th Generation Intel® Processors
Integrated Graphics ‡ 🕐	Yes
Graphics Output ?	Dual HDMI 2.0a, DP 1.2 via Type C, 4-lane eDP 1.4
# of Displays Supported [‡]	3

Expansion Options

PCI Express Revision (?)	Gen 3
PCI Express Configurations * 🕐	PCIe x4: M.2 22x80 (key M) slot PCIe x1: M.2 22x30 (key E) slot
M.2 Card Slot (wireless) ?	22x30 (key E) slot
M.2 Card Slot (storage) ?	22x80 (key M) slot

I/O Specifications

# of USB Ports	4
USB Configuration	USB 3.1 (type C): 1 rear USB 3.1 (type A): 2 front, 1 rear USB 3.0: 1 header USB 2.0: 1 rear, 2 headers
Total # of SATA Ports ?	1
RAID Configuration ?	2.5" HDD/SSD + M.2 SATA SSD (RAID-0 RAID-1)
Serial Port via Internal Header	Yes
Integrated LAN ?	Intel® i219-LM 10/100/1000 Mbps Ethernet
Integrated Wireless [‡]	Intel® Wireless-AC 9560 + Bluetooth 5.0
Integrated Bluetooth	Yes
Additional Headers ?	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2 power connector
# of Thunderbolt™ Ports (?	1x Thunderbolt™ 3

Package Specifications

Chassis	Dimensions
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Advanced Technologies

Intel® Optane™ Memory Supported‡ ?	Yes	
Intel® Virtualization Technology for Directed I/O (V	-d)‡ ?Yes	
Intel vPro® Platform Eligibility ‡ ?	Yes	
TPM ?	Yes	
TPM Version ?	2.0	
Intel® Virtualization Technology (VT-x) ‡ ?	Yes	

Security & Reliability

Intel® AES New Instructions	Yes
Intel® Trusted Execution Technology ‡ 🕐	Yes

Ordering and spec information

Intel® NUC 8 Pro Kit NUC8v5PNH, no cord, 5 pack

MM#	999KXV
Ordering Code	BKNUC8V5PNH
CCATS	G157815L2

Intel® NUC 8 Pro Kit NUC8v5PNH, CN cord, 5 pack

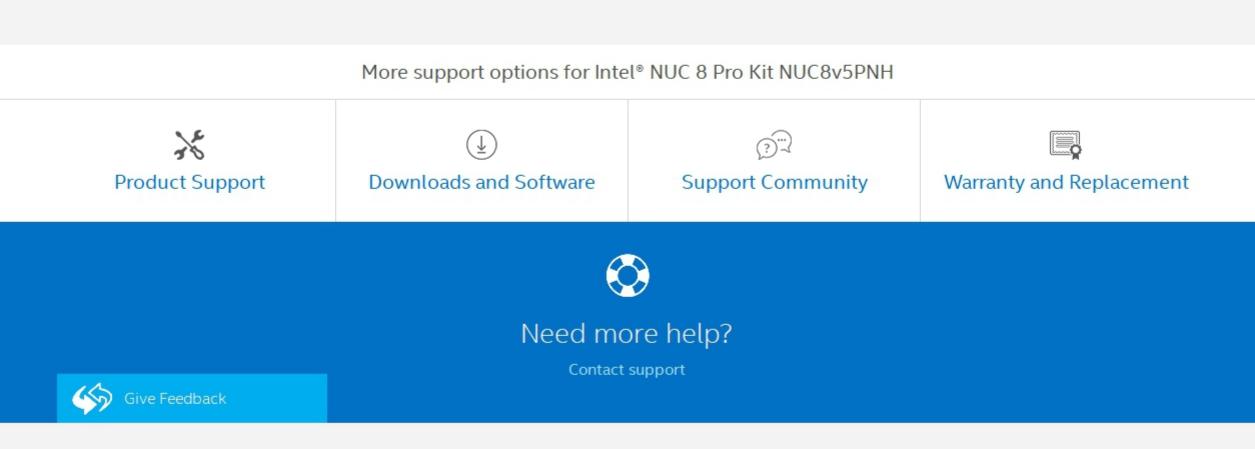
MM#	999KZ6
Ordering Code	BKNUC8V5PNH6
CCATS	Z1651893

Trade compliance information

ECCN	5A992C
CCATS	Varies By Product
US HTS	8471500150

PCN/MDDS Information

999KXV	MDDS
999KZ6	MDDS



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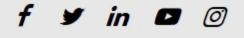
‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

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