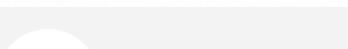
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intel

## Intel® NUC 8

Essentials	
Product Collection	Intel® NUC Kit with 8th Generation Intel® Core™ Processors
Code Name	Products formerly Provo Canyon
Status	Launched
Launch Date ?	Q1'20
Supported Operating Systems	Windows 10, 64-bit*, Windows 10 IoT Enterprise*, Windows Server 2019*, Ubuntu 18.04 LTS*
Board Number	NUC8v7PNB
Board Form Factor	UCFF (4" x 4")
Socket	Soldered-down BGA
Internal Drives Supported	M.2 and 2.5" Drive
# of Internal Drives Supported  DC Input Voltage Supported	12-24 VDC
Processor Included	Intel® Core™ i7-8665U Processor (8M Cache, up to 4.80
Intel vPro® Platform Eligibility ‡ ?	GHz) Yes
# of Cores ?	4
# of Threads ?	8
Processor Base Frequency ?	1.90 GHz
Max Turbo Frequency ?	4.80 GHz
Warranty Period ?	3 yrs
Supplemental Information	
Description	Intel® NUC 8 Pro Kit
Memory & Storage	
Max Memory Size (dependent on memory type) ?	64 GB
Memory Types ?  Max # of Memory Channels ?	DDR4-2400 1.2V SO-DIMM
Max # of DIMMs ?	2
ECC Memory Supported‡ ?	No
Processor Graphics	
Processor Graphics ‡ ?  Integrated Graphics ‡ ?	Intel® UHD Graphics for 8th Generation Intel® Processors 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  PCIe x4: M.2 22x80 (key M) slot PCIe x1: M.2 22x30 (key E)
PCI Express Configurations ‡ ?	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
HCD C. C	USB 3.1 (type C): 1 rear USB 3.1 (type A): 2 front, 1 rear
USB Configuration	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‡ Integrated Bluetooth	Intel® Wireless-AC 9560 + Bluetooth 5.0 Yes
	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2
Additional Headers ?	power connector
# of Thunderbolt™ Ports ?	1x Thunderbolt™ 3
Package Specifications	
Chassis Dimensions	117 x 112 x 53 mm
Advanced Technologies	
Advanced Technologies  Intel® Optane™ Memory Supported‡ ?	Yes
Intel® Optane™ Memory Supported + (?)  Intel® Virtualization Technology for Directed I/O (VT-d) ‡	
Intel vPro® Platform Eligibility ‡ ?	Yes
TPM ?	Yes
TPM Version ?	2.0
	Yes
Intel® Virtualization Technology (VT-x) ‡ ?	ies
Intel® Virtualization Technology (VT-x) * ?  Security & Reliability	Tes
	Yes
Security & Reliability	
Security & Reliability  Intel® AES New Instructions ?	Yes
Security & Reliability  Intel® AES New Instructions ?  Intel® Trusted Execution Technology ‡ ?	Yes
Security & Reliability  Intel® AES New Instructions ?	Yes
Security & Reliability  Intel® AES New Instructions ?  Intel® Trusted Execution Technology ‡ ?	Yes

ECCN	HOLD			
CCATS	NA			
Intel® NUC 8 Pro Kit NUC8v7PNH, no cord, 5 pack				
MM#	999L0T			

BKNUC8V7PNH

Varies By Product

8471500150

ECCN	5A992C	
CCATS	G157815L2	
Trade compliance information		
Trade compliance information		

PCN/MDDS Information	

999L0T

Ordering Code

CCATS

**US HTS** 

999L10

More support options for Intel® NUC 8 Pro Kit NUC8v7PNH



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compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

responsible for determining the correct classification of your transaction.

"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-

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