#USA (ENGLISH)



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Product Collection Code Name Status Launch Date ③ Supported Operating Systems Board Number Board Form Factor Socket Internal Drive Form Factor # of Internal Drives Supported Lithography ③ DC Input Voltage Supported Processor Included	Intel® NUC Kit with 8th Generation Intel® Core™ Processors Products formerly Provo Canyon Launched Q1'20 Windows 11, 64-bit*, Windows 10, 64-bit*, Windows 10 IoT Enterprise*, Red Hat Linux*, Ubuntu 18.04 LTS* NUC8i3PNB UCFF (4" x 4") Soldered-down BGA M.2 SSD 1 14 nm
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Internal Drive Form Factor # of Internal Drives Supported Lithography ? DC Input Voltage Supported	Soldered-down BGA M.2 SSD
# of Internal Drives Supported Lithography ? DC Input Voltage Supported	1
Lithography ? DC Input Voltage Supported	
DC Input Voltage Supported	14 nm
Processor Included	12-24 VDC
Trocessor metaded	Intel® Core™ i3-8145U Processor (4M Cache, up to 3.90
	GHz)
Intel vPro® Platform Eligibility ‡ ?	No
Total Cores ?	2
Total Threads ?	4
Processor Base Frequency ?	2.10 GHz
Max Turbo Frequency ?	3.90 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 ?	DDR4-2400 1.2V SO-DIMM
Max # of Memory Channels ?	2
Max # of DIMMs ?	2
ECC Memory Supported‡ ?	No
Processor Graphics	
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 3.1 (type C): 1 rear
USB Configuration	USB 3.1 (type A): 2 front, 1 rear USB 3.0: 1 header
	USB 2.0: 1 rear, 2 headers
Serial Port via Internal Header	Yes
Integrated Wireless‡	Intel® i219-LM 10/100/1000 Mbps Ethernet
Integrated Bluetooth	Intel® Wireless-AC 9560 + Bluetooth 5.0
Integrated Bluetooth	Yes Front panel (PWP PST 5V 5Vsby 3 3Vsby): Internal 2v2
Additional Headers ?	Front_panel (PWR, RST, 5V, 5Vsby, 3.3Vsby); Internal 2x2 power connector
# of Thunderbolt™ Ports ?	1x Thunderbolt™ 3
Package Specifications	
Chassis Dimensions	117 x 112 x 37 mm
Advanced Technologic	
Advanced Technologies	
Intel® Optane™ Memory Supported‡ ?	Yes
Intel® Virtualization Technology for Directed I/O (VT-d)‡	
Intel vPro® Platform Eligibility ‡ ?	No
Intel® Virtualization Technology (VT-x) ‡ ?	Yes
Intel® Platform Trust Technology (Intel® PTT) ?	Yes
Security & Reliability	
	Vas
Intel® AES New Instructions ?	Yes
Intel® Trusted Execution Technology ‡ ?	No
Ordering and spec information	
Intel® NUC 8 Pro Kit NUC8i3PNK, no cord, 5 pac	k
MM#	999KTJ
Ordering Code	BKNUC8I3PNK

More support options for Intel® NUC 8 Pro Kit NUC8i3PNK



Downloads and Software

availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

PCN/MDDS Information

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999KTJ

Support Community

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Refer to Datasheet for formal definitions of product properties and features. ‡ 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. 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.

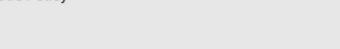
violation of an internationally recognized human right.

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

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