

SY-i7PNH

Intel NUC8-v7PNH NUC whiskeylake Core i7-8665U Quad core 8-threads 1.9Ghz Miniature PC

Product Overview

Intel NUC8-v7PNH NUC (Next Unit of Computing) - 117x112x53mm mini size PC with 9.5mm 2.5" HDD mounting support - Intel whiskeylake Core i7-8665U - Quad core+ hyper-threading (8-threads), 1.9/4.8Ghz (with vPro + SiPP+ TXT+ VT-x+ VT-d, 14nm, 4GT/sec DMI, 37.5GB/sec memory bandwidth; 8mb L2 cache), optional 2x DDR4-2400 so-dimm up to 64gb, nGff/M.2x4 type2280 socket (PCIe or SATA or Optane mode) + 1x SATA6G, on-board Intel HD620 300/1150mhz 4K HD graphic with 2x HDMI out + USB 3.1 type-C/DP/Thunderbolt3 out + i219-LM gigabit LAN + wireless-AC 9560 1730mbps dual-band WiFi + BT + 7.1 audio via HDMI/DP + 1x USB3.1 type-C (Gen2 10Gbps) + 3x USB3.1 type-A (Gen2 10Gbps) + 1x USB2.0 + serial port (via header); external 19V/65W AC-adapter, with vesa wall mount kit



Specifications

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Specifications	
Product Code	SY-i7PNH
Essentials	
Board Form Factor	UCFF (4" x 4")
Socket	Soldered-down BGA
Internal Drive Form Factor	M.2 and 2.5" Drive
# of Internal Drives Supported	2
DC Input Voltage Supported	12-24 VDC
Supplemental Information	
Description	Intel NUC 8 Pro Kit
Memory & Storage	

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Product Specification Sheet

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
Graphics Specifications	
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 3 Ports	1 (Type C)
Advanced Technologies	
Intel Optane Memory Supported	Yes
Intel Virtualization Technology for Directed I/O (VT-d)	Yes
Intel vPro Platform Eligibility	Yes
TPM	Yes
TPM Version	2
Intel Virtualization Technology (VT-x)	Yes

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Product Specification Sheet

Security & Reliability	
Intel AES New Instructions	Yes
Intel Trusted Execution Technology	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SY-i7PNH-Intel-NUC8-v7PNH-NUC-whiskeylake-Core-i7-8665U-Buy-p-239078.php>

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