

INTEL® NUC 8 PRO

“Provo Canyon”



8th Generation Intel® Core™ i7-8665U (NUC8v7PN)

1.8 GHz to 4.8 GHz Turbo, 4 Core, 8 Thread, 8MB Cache, 15W
Intel® UHD Graphics 620, 300 MHz – 1.15 GHz
Intel® vPro™ Technology, Intel® AMT v12



8th Generation Intel® Core™ i5-8365U (NUC8v5PN)

1.6 GHz to 4.1 GHz Turbo, 4 Core, 8 Thread 6MB Cache, 15W
Intel® UHD Graphics 620, 300 MHz – 1.10 GHz
Intel® vPro™ Technology, Intel® AMT v12



8th Generation Intel® Core™ i3-8145U (NUC8i3PN)

2.1 GHz to 3.9 GHz Turbo, 2 Core, 4 Thread, 4MB Cache, 15W
Intel® UHD Graphics 620, 300 MHz – 1.00 GHz



Family Features

- **Dual HDMI 2.0a** (4K 60Hz, HDR), w/HDCP2.2 and **built-in CEC for both ports**
- **Thunderbolt 3** (incl. DP and USB3.1) via back panel type C connector
- **Internal 4-lane eDP 1.4 connector** (support for up to 4k@60Hz)
- Triple display support via dual DP/MST on Type C plus HDMI/eDP (or dual HDMI plus eDP on board SKU)
- **M.2 22x80 key M** slot for PCIe x4 NVMe or SATA SSD
- **Intel® Optane™ Memory** ready; **Intel® Optane™ Memory H10 with Solid State Storage** ready
- **Intel® i219-LM** 10/100/1000 Mbps RJ45 Ethernet
- Intel® Wireless-AC 9560 vPro (i7 vPro and i5 vPro kits), Intel® Wireless-AC 9560 (i3 kits) on M.2 slot
- TPM 2.0 (worldwide and China options; i7 vPro and i5 vPro SKUs only)
- Dual-channel DDR4-2400 SODIMMs, 1.2V, 32GB max.
- 2x front and 1x rear USB 3.1 gen 2 type A ports, 1x internal USB 3.0 header
- 1x rear type A and 2x internal USB 2.0 headers (all USB ports with individual USB power control)
- 1x **RS232** serial port header
- Up to 7.1 multichannel (or dual 8-channel) digital audio via HDMI
- Front panel header (with Vcc5/1A, 5Vsby/2A, 3.3Vsby/1A)
- **Higher external ambient operating temperatures** than other NUC models
- **Qualified for 24x7 operation; delayed AC start; DC overvoltage protection**
- **Display emulation** (headless display, 2nd virtual display, persistent displays)
- Plastic chassis, replaceable lid, Kensington lock with base security, **DC cable strain relief**
 - 19V_{DC} 90W power supply adapter with geo-specific AC cords (IEC C5 connector)
 - VESA mounting plate included
 - Tall kit only: 2.5" drive bay (7mm), and internal expansion bay via backpanel (1x DB9 punched bracket pre-installed)
- "Tall" H chassis: 117 x 112 x 53 mm, "Slim" K chassis: 117 x 112 x 37mm, Board 101.6 x 104.1 mm
- 12 – 24V_{DC} rear jack, internal 2x2 power connector
- Microsoft Windows* 10 (logo'd), Windows 10 IOT Enterprise, Windows Server 2019
- Compatible with various Linux distros
- Individual brown-box packaging; **Three Year Product Life Cycle; Three Year Warranty**

Available SKUs

Mini PC Kit Chassis Board
SKU details and ordering codes TBD

All information subject to change without notice

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L9 Kit and Mini PC Ordering Codes						
Product Code	MM#	AC Cord (C5)	Processor	RAM	Storage	OS
Provo Canyon i3 – NUC8i3PNKO						
BKNUC8i3PNKO	999MK1	None	8 th Generation Core™ i3-8145U	4GB DDR4	256GB NVMe	None
BKNUC8i3PNKOC	999MK2	None				Win 10 Pro
BKNUC8i3PNKOC1	999MK3	US				
BKNUC8i3PNKOC2	999MK4	EU				
Provo Canyon i5 vPro – NUC8v5PNKW						
BKNUC8v5PNKW	999KZ7	None	8 th Generation Core™ i5-8365U	8GB DDR4	Intel 660p SSD 512GB NVMe	None
BKNUC8v5PNKWC	999MK5	None				Win 10 Pro
BKNUC8v5PNKWC1	999KZC	US				
BKNUC8v5PNKWC2	999KZD	EU				
Provo Canyon i7 vPro – BKNUC8v7PNKQ						
BKNUC8v7PNKQ	999KZV	None	8 th Generation Core™ i7-8665U	16GB DDR4	Intel 660p SSD 512GB NVMe	None
BKNUC8v7PNKQC	999MK6	None				Win 10 Pro
BKNUC8v7PNKQC1	999KZP	US				
BKNUC8v7PNKQC2	999KZR	EU				

Provo Canyon Mini PC for Intel Unite						
BKNUC8v5PNKWU1	999KZG	US	8 th Generation Core™ i5-8365U	8GB DDR4	Intel 660p SSD 512GB NVMe	Win 10 Pro
BKNUC8v5PNKWU2	999KZH	EU				w/Intel Unite®
BKNUC8v7PNKQU1	999KZM	US	8 th Generation Core™ i7-8665U	16GB DDR4	Intel 660p SSD 512GB NVMe	Win 10 Pro
BKNUC8v7PNKQU2	999KZN	EU				w/Intel Unite®

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Provo Canyon i7 vPro “Tall” Kit – NUC8v7PNH				
Product Code	MM#	AC Cord (C5)	Processor	TPM
BKNUC8v7PNH	999L0T	None	8 th Generation Core™ i7-8665U	WW
BKNUC8v7PNH1	999L0V	US		WW
BKNUC8v7PNH2	999L0W	EU		WW
BKNUC8v7PNH3	999L0X	UK		WW
BKNUC8v7PNH4	999L0Z	AU		WW
BKNUC8v7PNH5	999L10	CN		WW
BKNUC8v7PNH6	999L10	CN		CN

Provo Canyon i5 vPro “Tall” Kit – NUC8v5PNH				
Product Code	MM#	AC Cord	Processor	TPM
BKNUC8v5PNH	999KXV	None	8 th Generation Core™ i5-8365U	WW
BKNUC8v5PNH1	999KXW	US		WW
BKNUC8v5PNH2	999KXZ	EU		WW
BKNUC8v5PNH3	999KZ4	UK		WW
BKNUC8v5PNH4	999KZ5	AU		WW
BKNUC8v5PNH5	999KZ6	CN		WW
BKNUC8v5PNH6	999KZ6	CN		CN

Provo Canyon i3 “Tall” Kit – NUC8i3PNH			
Product Code	MM#	AC Cord (C5)	Processor
BKNUC8i3PNH	999KTR	None	8 th Generation Core™ i3-8145U
BKNUC8i3PNH1	999KV5	US	
BKNUC8i3PNH2	999KW6	EU	
BKNUC8i3PNH3	999KW7	UK	
BKNUC8i3PNH4	999KW8	AU	
BKNUC8i3PNH6	999KWD	CN	

Provo Canyon i7 vPro “Slim” Kit – NUC8v7PNK				
Product Code	MM#	AC Cord (C5)	Processor	TPM
BKNUC8v7PNK	999L08	None	8 th Generation Core™ i7-8665U	WW
BKNUC8v7PNK1	999L0D	US		WW
BKNUC8v7PNK2	999L0G	EU		WW
BKNUC8v7PNK3	999L0J	UK		WW
BKNUC8v7PNK4	999L0L	AU		WW
BKNUC8v7PNK5	999L0M	CN		WW
BKNUC8v7PNK6	999L0M	CN		CN

Provo Canyon i5 vPro “Slim” Kit – NUC8v5PNK				
Product Code	MM#	AC Cord (C5)	Processor	TPM
BKNUC8v5PNK	999KX7	None	8 th Generation Core™ i5-8365U	WW
BKNUC8v5PNK1	999KX8	US		WW
BKNUC8v5PNK2	999KX9	EU		WW
BKNUC8v5PNK3	999KXM	UK		WW
BKNUC8v5PNK4	999KXN	AU		WW
BKNUC8v5PNK5	999KXR	CN		WW
BKNUC8v5PNK6	999KXR	CN		CN

Provo Canyon i3 “Slim” Kit – NUC8i3PNK			
Product Code	MM#	AC Cord (C5)	Processor
BKNUC8i3PNK	999KTJ	None	8 th Generation Core™ i3-8145U
BKNUC8i3PNK1	999KTK	US	
BKNUC8i3PNK2	999KTL	EU	
BKNUC8i3PNK3	999KTM	UK	
BKNUC8i3PNK4	999KTN	AU	
BKNUC8i3PNK6	999KTP	CN	

Provo Canyon Board			
Product Code	CPU	MM#	TPM
BKNUC8v7PNB	8 th Generation Core™ i7 vPro™	999L05	WW
BKNUC8v5PNB	8 th Generation Core™ i5 vPro™	999KX5	WW
BKNUC8i3PNB	8 th Generation Core™ i3	999KT6	None