



Healthcare NUC Box PC

WPC-7N8

Intel® Alder Lake H Core i CPU 45W

- New Hybrid Design Combining Up to 14 Cores and 20 Threads at 45W for Excellent Performance
- Intel® Iris® Xe Graphics for 4 Displays, Up to 4K
- AI Acceleration with Intel Deep Learning Boost (VNNI)



Size 12 x 13 x 5.8 (CM) for Easy Installation

- Leveraging Intel® NUC Kits, Mini PCs and Elements for Extremely Mobile but Graphic Rich Applications



Supports Dual Channel DDR5 SODIMM up to 64GB



M.2 2280 PCIe Gen4 x4 SSD



Newest platform support Windows 11



Rich I.O

- 3 X USB 3.2 Gen II Type A, 2 X USB 3.2 Gen II Type C
- 1 X 2.5Gbps LAN
- 2 X HDMI 2.0
- 1 X Configurable Port, Defaulted DP, Adjustable to COM/VGA/LAN/HDMI



Rich I.O.

Certification

FCC-B, CE (EMC), VCCI



NUC Box PC

Product		WPC-7N8		
Main System	CPU / Chipset	FCBGA1744 Package 12th Generation Intel® Core i7/i5/i3 Processor (45W max.) / SoC		
	Graphic	Intel® UHD Graphics (i3) or Intel® Iris® Xe Graphics (i5/i7)		
	RAM	Two 4800 MHz DDR5 SODIMM socket support dual Channel, non-ECC, up to 64GB		
	OS Support	Windows 10 IoT LTSC 2021 (64bit) / Windows 11 IoT GAC (64bit)		
I/O Ports	Front	USB	2 x USB 3.2 Gen2; 1 x USB 3.2 Gen2 Type-C	
		Audio	1 x Audio Jack (Line out/ Mic in/ Headphone out)	
	Rear	USB	1 x USB 3.2 Gen2; 1 x USB 3.2 Gen2 Type-C (support DP1.4, PD)	
		Video Out	2 x HDMI 2.0	
		Audio	3.5mm phone jack (Line in, Line out, Mic in)	
		LAN	1 x RJ-45 (2.5Gbps)	
		Configurable Port	Default Display Port 1.4 (options: HDMI 2.1/ VGA/ COM/ Intel 2.5G LAN)	
	Power Switch	Power on/ off		
Storage & Expansion	Storage	1 x M.2 2280 PCIe Gen4 x 4 for SSD, up to 1TB 1 x 2.5" 7mm SATA3 SSD drive bay for 2nd Storage, up to 2TB		
	Expansion slot	1 x M.2 (Key E, 2230) for Wireless		
Power	Power input	DC 19V Input		
	Power adapter	AC input 100 ~240V / 47 ~ 63 Hz / DC output 19V 120W		
Environmental	Temperature	Operating Temperature	0~40°C	
		Storage Temperature	-20~60°C	
	Humidity	Operating & Storage	20 ~ 90%, non-condensing	
	Shock/Vibration/Drop	Shock Operation	15g/0.53 oz, 11 ms, half sine wave	
		Vibration Operation	5 ~ 17 Hz, Amplitude : 0.2"	
			17 ~ 500Hz, Acceleration : 3.0G	
		Drop Operation(w/Packing)	3 Feet height free drop still survive, (Test Surface: concrete, base unit only)	
Cooling	Smart Fan, less than 30dB at 25°C environment			
Mechanical Characteristics	Housing	Sliver Aluminum Heatsink and SECC w/ Hospital White Painting		
	Dimensions (Net: mm)	120 (H) x 130 (V) x 58 (T)		
	Weights (Net: kg)	1 Kg including 2.5" HDD		
Certification	FCC-B, CE (EMC), VCCI			
Major Options				
Options	<ul style="list-style-type: none"> ① WiFi 6E ② 2.5" SSD ③ TPM 2.0 (On Board) ④ Configurable Port for HDMI 2.1/ VGA/ COM/ Intel 2.5G LAN ⑤ VESA Mounting Bracket to Integrate with Table Stand for WMP-WMD Series 			