



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Pro

SKU: H-I5_14-32-M2048-12_7-X-11P-0



Power Through Anything: The Thinvent® Neo H, Your Industrial Command Center.

Unleash unparalleled power with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. Engineered as a robust industrial workhorse, this compact powerhouse is designed to excel in demanding environments, making it ideal for industrial control and similar critical applications.

Performance at its Core

- Experience blazing speed with the Intel® Core™ 5 120U processor, featuring 10 cores, a max frequency of 5.0 GHz, and 12 MB cache.
- Multitask seamlessly with 8GB DDR4 RAM.
- Enjoy rapid boot-ups and data access from the 128GB SSD.

Built for Durability

- This largest product in our range boasts a solid steel housing with a power coating finish, ensuring longevity and resilience.
- 100% designed and made in India, guaranteeing quality and local support.

Unrivalled Connectivity

- Hook up multiple displays with 2x HDMI and 1x VGA ports.
- Connect essential peripherals via 2x USB 3.0 and 2x USB 2.0 ports.
- Ensure stable, high-speed networking with 1000 Mbps Ethernet.
- Integrated speaker out and mic in for comprehensive audio needs.

Ready for Anything

- Pre-loaded with Microsoft Windows 11 Pro for immediate productivity.
- Operates reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH.
- BIS, RoHS, and ISO certified for peace of mind.

Dimensions: 210mm × 202mm × 80mm.

Power Input

- 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum.
- Includes a 12V 7A Adapter with a 2 Metre cable.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	2048 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.43kg, 1.84kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
	m2048 = 2TB			
	S128 = 128GB			
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ Embedded Linux		
	U = Ubuntu Linux			
Accessories	0 = None	KM = Keyboard and Mouse set		
	1S = DB9 Serial	MK = Mechanical Keyboard		
	Mo = Wired Optical Scroll Mouse			

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