



Thinvent Neo H Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_14-64-M512-12_5-M-11P-KM



Unleash Industrial Power: The Reinvented Workhorse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model, meticulously designed and crafted in India. This isn't just a mini PC; it's an industrial workhorse built to tackle demanding tasks. Experience unparalleled processing power with the Intel® Core™ 5 120U processor, featuring 10 cores that reach up to 5.0 GHz and a 12 MB cache for lightning-fast operations.

Designed for resilience and reliability, the Neo H boasts a robust steel housing with a durable black powder coating. Its generous connectivity options make it the ideal solution for industrial control and similar applications. Drive multiple displays effortlessly with 2 HDMI ports and 1 VGA port. Connect all your peripherals with 2 USB 3.0 and 2 USB 2.0 ports, and enjoy seamless networking with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)

- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- Connectivity: 2 USB 3.0, 2 USB 2.0, 1000 Mbps Ethernet, Wi-Fi 5 (802.11ac) Dual Band
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Microsoft Windows 11 Pro
- Included Accessories: Thinvent® Keyboard and Mouse set

Built to last in demanding environments, the Thinvent® Neo H Mini PC operates flawlessly between 0°C and 40°C with 20% ~ 80% RH humidity. Certified for BIS, RoHS, and ISO, this 100% Indian-made marvel delivers exceptional performance and robust connectivity for your critical applications. Its compact dimensions (210mm × 202mm × 80mm) and solid steel construction ensure it's ready for any challenge.

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	64 GB
SSD Storage	512 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	1.85kg, 2.27kg

ACCESSORIES

Keyboard and Mouse	1
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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 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4 32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse		KM = Keyboard and Mouse set MK = Mechanical Keyboard

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