



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 Pro

## Thinvent Keyboard and Mouse set

SKU: H-I5\_14-32-M1024-12\_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

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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	1024 GB

### DISPLAY

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HDMI	2
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.0	2
USB 2.0	2

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

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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

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

### PHYSICAL

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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

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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## Ordering Information

PRODUCT CODE			
<b>H-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>			
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>64</b> = 64GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		<b>m256</b> = 256GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <b>S256</b> = 256GB
<b>Wireless</b>	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi
<b>OS</b>	<b>DOS</b> = DOS <b>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>1S</b> = DB9 Serial <b>Mo</b> = Wired Optical Scroll Mouse		<b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard

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