



# 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

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: H-I5\_14-64-M512-12\_5-X-U-KM



Unlock Unrivaled Power with the Thinvent® Neo H Mini PC: Your Industrial Command Center.

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this compact powerhouse is built to conquer complex tasks and drive your operations forward.

### Engineered for Excellence

- Processor: Intel® Core™ 5 120U (10 Core, up to 5.0 GHz, 12 MB cache) delivering blazing-fast speeds for intensive workloads.
- Memory: 16GB DDR4 RAM for seamless multitasking and smooth execution of demanding software.
- Storage: 128GB SSD providing rapid boot times and quick data access.

### Uncompromising Connectivity

- Display Options: 2 HDMI and 1 VGA ports offer versatile display configurations.
- Audio: 1 Speaker Out and 1 Mic In for integrated audio solutions.
- USB Ports: 2 USB 3.0 and 2 USB 2.0 ports for all your peripheral needs.

- Network: 1000 Mbps Ethernet ensures a stable and high-speed network connection.

### Built for the Toughest Environments

- Robust Steel Housing: Designed for durability with a sleek black power-coated finish.
- Reliable Power: 12V 7A Adapter (100~275 Volts AC input) for stable operation.
- Industrial Ready: Operating Temperature: 0°C ~ 40°C and Operating Humidity: 20% ~ 80% RH, non-condensing.
- Compact Footprint: Dimensions: 210mm × 202mm × 80mm.

### Seamless User Experience

- Pre-installed Ubuntu Linux 24.04 LTS: Access a world of open-source flexibility and stability.
- Included Thinvent® Keyboard and Mouse: Get started right out of the box.
- Certifications: BIS, RoHS, ISO compliant for peace of mind.

100% Designed and Made in India, the Thinvent® Neo H Mini PC is your ultimate industrial workhorse, ready to elevate your productivity.





# 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	64 GB
SSD Storage	512 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
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### 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	Ubuntu Linux 24.04 LTS
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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>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB <b>S32</b> = 32GB MLC <b>S128</b> = 128GB <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>W_OS</b> = Without OS <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

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