



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 Pro

## Thinvent Keyboard and Mouse set

SKU: H-I3\_12-32-M512-12\_5-M-11P-KM



## Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this powerhouse boasts a robust Intel® Core™ i3-1215U processor, delivering exceptional speed with its 6 cores and a maximum frequency of 4.4 GHz. Experience seamless multitasking and swift data access thanks to 4GB DDR4 RAM and a lightning-fast 512GB SSD.

### Built for Reliability

This isn't just a mini PC; it's an industrial workhorse. Its solid steel housing, finished in sleek black, ensures durability and longevity in any environment.

### Connectivity Hub

The Neo H Mini PC offers unparalleled connectivity for your industrial control needs.

- Seamless integration with dual-band Wi-Fi.
- Multiple display options with HDMI and VGA ports.
- Comprehensive peripheral support with 2x USB 3.2 and 2x USB 2.0 ports.
- High-speed 1000 Mbps Ethernet for stable network connections.

- Dedicated speaker out and mic in for audio versatility.

### Designed for India

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC represents innovation and quality manufacturing.

### Effortless Operation

Comes pre-loaded with Microsoft Windows 11 Pro for a secure and productive user experience. A Thinvent® keyboard and mouse set are included, providing a complete, ready-to-go solution.

### Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 512 GB SSD
- Power: 12V 7A Adapter (100~275 Volts AC input)
- Wireless: Dual Band Wi-Fi
- Operating System: Windows 11 Pro
- Included Accessories: Keyboard and Mouse set
- Dimensions: 210mm × 202mm × 80mm

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	512 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
USB 2.0	2
RS485 Option	1

### 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	2.21kg, 2.63kg

### 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-i3_12-[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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