



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 4GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Ubuntu Linux

SKU: H-I3\_13-4-M512-12\_5-M-U-0



Thinvent® Neo H: The Industrial Powerhouse, Made in India.

Experience the next level of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse, our largest and most powerful, is 100% designed and made in India, engineered for demanding applications like industrial control.

### Unrivaled Performance

- At its core is the Intel® Core™ i3-1315U processor, featuring 6 cores with speeds up to 4.5 GHz and a 10 MB cache for swift, efficient processing.
- Seamlessly multitask with 16GB DDR4 RAM, ensuring smooth operation even with intensive workloads.
- Experience lightning-fast boot times and rapid data access with a generous 512GB SSD.

### Robust Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a blazing 1000 Mbps Ethernet port.
- Versatile display options with 1 HDMI and 1 VGA port.
- Comprehensive I/O includes 2 USB 3.2 ports, 2 USB 2.0 ports, 1 speaker out, and 1 mic in.

### Built for Durability

- Housed in a solid, powder-coated steel chassis, the Neo H is built to withstand challenging environments.
- Operates reliably from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO for guaranteed quality and safety.

### Optimized Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and long-term supported platform.

### Power and Design

- Efficient power delivery with a 12V 7A adapter and a 2-metre cable, accepting 100~275V AC input.
- Compact dimensions of 210mm × 202mm × 80mm in a sleek black finish.

The Thinvent® Neo H Mini PC delivers unparalleled power, reliability, and connectivity, making it the ultimate choice for your industrial and critical computing needs.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	4 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

### 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	1.62kg, 2.04kg

### OPERATING SYSTEM

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Operating System	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE	
<b>H-i3_13-[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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