

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## No WiFi

## Windows 11 Pro

SKU: H-I3\_13-32-M1024-12\_5-X-11P-0



### Unleash Unrivaled Performance: The Thinvent Neo H Industrial Powerhouse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This robust industrial workhorse, 100% designed and made in India, features a solid steel build for uncompromising durability and reliability in the most demanding environments. It's our largest product, engineered for critical applications.

#### Performance Powerhouse

- Experience superior processing with the Intel® Core™ i3-1315U processor.
- Enjoy 6 cores operating up to 4.5 GHz, backed by a 10 MB cache for seamless multitasking and rapid data processing.
- Benefit from 4GB DDR4 RAM for smooth operation.
- Access blazing-fast boot times and ample storage with a generous 1TB SSD.

#### Robust Connectivity

- Connect effortlessly with a host of options.
- Includes 1 HDMI and 1 VGA port for dual display setups.
- Utilize 2 high-speed USB 3.2 ports and 2 standard USB 2.0 ports for diverse peripherals.

- Ensure stable, high-speed networking with 1000 Mbps Gigabit Ethernet.
- Integrated Speaker Out and Mic In ports.

#### Industrial Grade Durability

- Built to withstand challenging conditions, encased in a powder-coated black steel housing.
- Designed for wide power input of 100~275 Volts AC with a 2-metre cable, ensuring stable operation.
- Operates reliably across temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).
- Certified with BIS, RoHS, and ISO for quality and compliance.

#### Pre-installed Operating System

- Comes ready for business with Microsoft Windows 11 Pro, offering enhanced security and productivity features.

Perfectly suited for industrial control and similar mission-critical applications, the Thinvent Neo H Mini PC delivers powerful configurations and unwavering stability where it matters most.





# 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	32 GB
SSD Storage	1024 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
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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	1.62kg, 2.04kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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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>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>Thinux</b> = Thinux™ 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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