



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 Pro

SKU: H-I3\_13-16-M1024-12\_5-M-11P-0



Thinvent® Neo H Mini PC: Unrivaled Power for Industrial Demands.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse is our largest product, meticulously engineered and 100% designed and made in India, boasting a solid steel build for uncompromising durability.

### Unleash exceptional processing capability for demanding applications

#### Performance That Drives Productivity

- Intel® Core™ i3-1315U processor with 6 cores for efficient multitasking
- Blazing speeds up to 4.5 GHz and a generous 10 MB cache
- 16GB DDR4 RAM for seamless operation
- Lightning-fast 256GB SSD ensures rapid boot-ups and application loading
- Pre-installed with Microsoft Windows 11 Pro for enhanced security and features

#### Robust Connectivity for Any Environment

- Dual display support with 1 HDMI and 1 VGA port

- 2 USB 3.2 and 2 USB 2.0 ports for versatile peripheral connections
- Gigabit Ethernet (1000 Mbps) for stable wired networking
- Dual Band Wi-Fi 5 (802.11ac) for flexible wireless access
- Dedicated Speaker Out and Mic In ports

#### Engineered for Reliability

- Industrial-grade steel housing with a sleek black powder coating
- Wide operating temperature range: 0°C to 40°C
- Resistant to humidity: 20% to 80% RH (non-condensing)
- Certified for quality and safety: BIS, RoHS, ISO
- Compact dimensions: 210mm × 202mm × 80mm, designed to fit where you need it

The Neo H is the ideal solution for industrial control and similar applications, offering powerful CPU and RAM configurations in a robust package. Power it effortlessly with the included 12V 7A adapter and a 2-metre cable. Experience the difference of premium Indian engineering.

# 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	16 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
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	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>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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