



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: H-I3\_12-64-M128-12\_5-M-U-KM



Thinvent® Neo H Mini PC: Unleash Industrial Power in a Compact Design.

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this powerhouse is meticulously designed and made in India, boasting a robust steel construction for unparalleled durability.

### Key Features and Benefits

- Uncompromising Processing Power: Featuring the Intel® Core™ i3-1215U processor with 6 cores, a blazing 4.4 GHz max frequency, and 10 MB cache, tackle demanding industrial control tasks with effortless speed.
- Expansive Memory and Storage: Immerse yourself in seamless multitasking with 32GB of DDR4 RAM, complemented by a swift 128GB SSD for rapid boot times and data access.

- Versatile Connectivity: Connect all your essential peripherals and displays with 1 HDMI, 1 VGA, 2 USB 3.2, and 2 USB 2.0 ports. Enjoy stable wired networking with a 1000 Mbps Ethernet port and reliable wireless connectivity via Dual Band Wi-Fi.
- Robust Power and Cooling: Powered by a 12V 7A adapter with a wide AC input range, and built to perform in temperatures from 0°C to 40°C, ensuring consistent operation.
- Ready for Work: Comes pre-loaded with Ubuntu Linux 24.04 LTS, offering a stable and flexible operating system for your industrial needs. The included Thinvent® Keyboard and Mouse set makes setup a breeze.
- Built to Last: The solid steel housing with a durable black powder coating ensures longevity in challenging environments.

Ideal for industrial control, automation, and other demanding applications.

Dimensions: 210mm × 202mm × 80mm.

Certifications: BIS, RoHS, ISO.

# 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	64 GB
SSD Storage	128 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	Ubuntu Linux 24.04 LTS
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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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

