



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## Dual Band WiFi

## Windows 11 Pro

## DB9 Serial

SKU: H-I3\_13-64-M512-12\_5-M-11P-1S



## Unleash Industrial Power in a Compact Form.

Introducing the Thinvent® Neo H Mini PC: The High Performance evolution of our bestselling Neo model, engineered to be an industrial workhorse. This is our largest, most robust offering, 100% designed and made in India with a solid steel build for uncompromising durability, ideal for industrial control and similar demanding applications.

### Unrivaled Performance

- Experience blazing speed with the Intel® Core™ i3-1315U processor, featuring 6 cores and turbo frequencies up to 4.5 GHz with a 10 MB cache.
- Multitask effortlessly and run demanding applications with a generous 32GB DDR4 RAM.
- Enjoy rapid boot-ups and lightning-fast application loading thanks to the 128GB SSD.
- Pre-installed with Microsoft Windows 11 Pro for enhanced productivity and security.

### Robust Connectivity & Control

- The essential DB9 male RS232 serial port makes it perfect for connecting to legacy industrial equipment.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.
- Versatile display options with 1x HDMI and 1x VGA outputs.
- Ample peripheral support via 2x USB 3.2 and 2x USB 2.0 ports.
- Dedicated speaker out and mic in for comprehensive audio integration.

### Built for the Toughest Environments

- Housed in a durable, black power-coated steel chassis (210mm x 202mm x 80mm).
- Operates reliably from 0°C to 40°C with 20%~80% RH non-condensing humidity.
- Certified with BIS, RoHS, and ISO for quality and compliance.
- Powered by a stable 12V 7A adapter, designed for continuous industrial operation.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

---

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	64 GB
SSD Storage	512 GB

### DISPLAY

---

HDMI	1
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

### NETWORKING

---

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### POWER

---

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

---

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

---

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

---

Operating System	Microsoft Windows 11 Pro
------------------	--------------------------

## 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>Thinux</b> = Thinux™ 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

