



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## No WiFi

## Thinix Embedded Linux

SKU: H-I3\_13-8-M512-12\_5-X-THINUX-0



### Unleash Industrial Power in a Compact Form.

Introducing the Thinvent® Neo H Mini PC: the high-performance evolution of our bestselling Neo model. This industrial workhorse, 100% designed and made in India, boasts a solid steel build for uncompromising durability, making it perfect for industrial control and similar demanding applications.

#### Powerful Performance

- Driven by an Intel® Core™ i3-1315U processor with 6 cores, up to 4.5 GHz, and a 10 MB cache for robust computing.
- 4GB DDR4 RAM ensures seamless multitasking even under heavy loads.
- A 32GB MLC SSD provides rapid, reliable, and durable storage for critical applications.

#### Extensive Connectivity

- Connect multiple displays with 1 HDMI and 1 VGA port.
- Expand your peripheral ecosystem with 2 USB 3.2 and 2 USB 2.0 ports.
- Experience high-speed, stable networking via 1000 Mbps Ethernet.
- Includes dedicated Speaker Out and Mic In for comprehensive audio support.

#### Thinvent® Thinix™ Embedded Linux Operating System

- Engineered for efficiency and advanced remote management capabilities.
- Comes with Chromium and Mozilla Firefox browsers for versatile web access.
- Facilitates seamless remote control through RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Features browser-based remote management to simplify administration.
- Offers broad application support including Java, Python, glibc, LibreOffice, and a PDF viewer.
- Supports multimedia playback with MPEG4 and integrates SIP video and voice over IP.

#### Built for Harsh Environments

- Housed in a durable, black powder-coated steel chassis, measuring 210mm x 202mm x 80mm.
- Reliably operates within a 0°C ~ 40°C temperature range and 20% ~ 80% RH (non-condensing) humidity.
- Certified with BIS, RoHS, and ISO, ensuring compliance and peace of mind.
- Powered by a robust 12V 7A adapter with a wide 100~275V AC input range.





# 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	8 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

### NETWORKING

---

Ethernet	1000 Mbps
----------	-----------

### 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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

[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

