



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## Ubuntu Linux

## DB9 Serial

SKU: H-I5\_13-16-M256-12\_5-M-U-1S



Thinvent® Neo H Mini PC: The Unyielding Industrial Workhorse, Engineered for Excellence.

Experience the high-performance evolution of our bestselling Neo line. The Thinvent® Neo H Mini PC is our most powerful offering, a true industrial workhorse designed and 100% made in India. Built with a solid steel chassis and robust powder coating, it delivers unwavering reliability in demanding environments, making it suitable for industrial control and similar critical applications.

### Unmatched Performance

- At its core, the Intel® Core™ i5-1335U processor boasts 10 cores with speeds up to 4.6 GHz and 12 MB cache, ensuring blazing-fast computations and seamless multitasking.
- Paired with 8GB DDR4 RAM and a lightning-fast 1TB SSD, expect instant boot-ups, rapid application loading, and expansive storage for all your critical data.
- Running on the stable and secure Ubuntu Linux 24.04 LTS, it provides a dependable open-source platform.

### Comprehensive Connectivity

- This powerhouse is equipped with a vital DB9 serial port, 2 USB 3.2 and 2 USB 2.0 ports for diverse peripherals.
- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a gigabit Ethernet port for reliable networking.
- Display versatility is guaranteed with both HDMI and VGA outputs, while speaker out and mic in ports handle audio needs.

### Built for Endurance

- Designed to operate flawlessly between 0°C and 40°C with 20% to 80% non-condensing humidity.
- Power it reliably with the included 12V 7A adapter, supporting a wide 100~275V AC input.
- Certified with BIS, RoHS, and ISO, ensuring compliance and quality.
- Its compact 210mm x 202mm x 80mm dimensions house a formidable, long-lasting system.

Elevate your industrial operations with the Thinvent® Neo H Mini PC – where power meets enduring reliability.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	256 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
Serial Port	1 DB9 male RS232

### 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	Ubuntu Linux 24.04 LTS
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## Ordering Information

PRODUCT CODE			
<b>H-i5_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>64</b> = 64GB DDR4		<b>32</b> = 32GB 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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