



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 512GB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial

SKU: H-I5\_13-64-M512-12\_5-X-11P-1S



### Unleash Industrial Power: The Neo H Mini PC – Robust Performance, Redefined.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line. As our largest and most powerful system, this industrial workhorse is 100% designed and made in India, featuring a solid steel build engineered for relentless operation in demanding environments.

#### Unmatched Performance for Critical Tasks

- Experience blazing speed with the Intel® Core™ i5-1335U processor, boasting 10 cores and clocking up to 4.6 GHz with a 12 MB cache.
- Multitask seamlessly and run intensive applications with 16GB DDR4 RAM.
- Benefit from rapid boot-ups and swift data access with a 128GB SSD.

#### Unrivalled Connectivity for Industrial Control

- This powerhouse is purpose-built for industrial control and similar applications, offering a comprehensive suite of ports.
- Critical DB9 male RS232 Serial port for legacy systems and specialized equipment.

- Expand your setup with 2x USB 3.2 and 2x USB 2.0 ports.
- Connect displays via HDMI and VGA.
- Ensure stable network communication with 1000 Mbps Ethernet – no WiFi for enhanced wired reliability.
- Dedicated Speaker Out and Mic In ports.

#### Built Tough, Designed to Last

- Encased in a durable, black powder-coated steel housing (210mm x 202mm x 80mm).
- Certified for reliability with BIS, RoHS, and ISO standards.
- Operates flawlessly from 0°C to 40°C, with 20% to 80% non-condensing humidity.
- Powered by a robust 12V 7A adapter with a wide 100~275V AC input, ensuring stable power delivery through a 2-metre cable.

#### Advanced Operating System

- Pre-installed with Microsoft Windows 11 Pro, offering enhanced security, productivity, and management features for professional use.



# 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	64 GB
SSD Storage	512 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
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### 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-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>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

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