



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

**4GB DDR4 RAM**

**1TB SSD**

**No WiFi**

**Ubuntu Linux**

SKU: H-I3\_12-4-M1024-12\_5-X-U-0



## Thinvent® Neo H Mini PC: Unyielding Performance for India's Toughest Demands.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This is our largest, most powerful industrial workhorse, meticulously designed and 100% made in India for demanding applications like industrial control. Its solid steel build ensures unwavering reliability where it matters most.

### Unmatched Processing Power

- Experience superior performance with the Intel® Core™ i3-1215U processor, featuring 6 cores, speeds up to 4.4 GHz, and a 10 MB cache.
- Seamlessly multitask with a generous 16GB DDR4 RAM.
- Achieve lightning-fast boot-ups and rapid application loading from the 128GB SSD.
- Benefit from the robust, secure, and long-term stable Ubuntu Linux 24.04 LTS operating system.

### Industrial Connectivity and Resilient Design

- Access a comprehensive suite of connectivity: 2x USB 3.2, 2x USB 2.0, HDMI, VGA for dual displays, Speaker Out, and Mic In.
- Ensure mission-critical data flow with a reliable Gigabit Ethernet (1000 Mbps) connection, purpose-built for wired, secure environments that exclude WiFi.
- Power it reliably with a 12V 7A adapter, capable of operating on a wide 100~275 Volts AC input.
- Designed to thrive in tough conditions, operating between 0°C and 40°C with 20% to 80% RH non-condensing humidity.
- Housed in a durable, black powder-coated steel chassis (210mm x 202mm x 80mm) for exceptional longevity.
- Peace of mind comes with BIS, RoHS, and ISO certifications, affirming its quality and safety.

Empower your operations with the Thinvent® Neo H Mini PC – where raw power meets industrial-grade reliability, proudly made for India.



# 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	4 GB
SSD Storage	1024 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
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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	1.69kg, 2.11kg

### 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>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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