



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 8GB DDR4 RAM

## 512GB SSD

## No WiFi

## Ubuntu Linux

## Thinvent Keyboard and Mouse set

SKU: H-I3\_12-8-M512-12\_5-X-U-KM



Thinvent® Neo H Mini PC: Your Industrial Powerhouse, Made in India.

Unleash unparalleled productivity with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and designed with meticulous attention to detail, this robust machine is your ultimate workhorse.

### Powerful Performance

- Featuring a cutting-edge Intel® Core™ i3-1215U processor with 6 cores and a boost clock of up to 4.4 GHz, coupled with 10 MB of cache, the Neo H delivers exceptional speed and responsiveness for complex tasks.
- Experience smooth multitasking and efficient operation with 8GB DDR4 RAM.
- Swift boot times and rapid data access are guaranteed by the 512GB SSD.

### Versatile Connectivity

- This industrial workhorse boasts a comprehensive array of ports for all your peripheral needs.
- Enjoy crystal-clear visuals on compatible displays with 1 HDMI and 1 VGA output.
- Connect your audio devices with 1 Speaker Out and 1 Mic In.
- Effortlessly connect your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.

- Experience lightning-fast wired networking with 1000 Mbps Ethernet.

### Built for Durability

- Encased in a solid steel housing with a durable black powder coating, the Neo H is built to withstand the rigors of industrial environments.
- Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings.

### Seamless Operation

- Pre-loaded with Ubuntu Linux 24.04 LTS, the Neo H offers a stable and secure operating system tailored for professional use.
- The included Thinvent® Keyboard and Mouse set ensures an immediate and comfortable user experience.

### Reliable Power and Specifications

- Powered by a 12V 7A adapter, with a versatile 100~275 Volts AC input.
- Designed to operate in demanding conditions with an operating temperature range of 0°C ~ 40°C.
- Certified for quality and safety with BIS, RoHS, and ISO certifications.

This is more than just a mini PC; it's a testament to Indian engineering excellence, built to power your industrial future.



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# 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	8 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
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	2.21kg, 2.63kg

### ACCESSORIES

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Keyboard and Mouse	1
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### 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>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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