



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Without OS

## Thinvent Keyboard and Mouse set

SKU: H-I3\_12-64-M128-12\_5-M-W\_OS-KM



## Unleash Unrivaled Power in a Compact Form Factor

Introducing the Thinvent® Neo H Mini PC – the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this powerhouse boasts a formidable Intel® Core™ i3-1215U processor featuring 6 cores that reach up to 4.4 GHz with a 10 MB cache, paired with a generous 8GB DDR4 RAM. Experience lightning-fast operations and seamless multitasking for your most demanding applications, including industrial control.

Dominating the competition with its robust configuration, the Neo H provides an expansive 1TB SSD for ample storage and rapid data access. Its large, solid steel chassis, finished in a sleek black powder coating, ensures durability and longevity. Designed and manufactured in India, this Mini PC embodies quality and reliability.

### Connectivity is paramount with the Neo H. It features a comprehensive array of ports

- HDMI: 1
- VGA: 1
- Speaker Out: 1
- Mic In: 1
- USB 3.2: 2

- USB 2.0: 2
- Ethernet: 1000 Mbps
- Dual Band Wi-Fi 5 (802.11ac) for seamless wireless networking.

Included is a Thinvent® Keyboard and Mouse set, ready for immediate use. Note that this product comes Without OS, allowing you the flexibility to choose your preferred operating system. Power up with the 12V 7A adapter, designed for global compatibility with a 100~275 Volts AC input.

### Specifications Highlight

- Processor Cores: 6
- Max Frequency: 4.4 GHz
- Cache: 10 MB
- Main Memory: 8 GB
- SSD Storage: 1024 GB

Built to withstand demanding environments, it operates efficiently between 0°C ~ 40°C with 20% ~ 80% RH non-condensing humidity. BIS, RoHS, and ISO certified. Dimensions: 210mm x 202mm x 80mm.

Experience the pinnacle of performance and connectivity with the Thinvent® Neo H Mini PC.

# 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	64 GB
SSD Storage	128 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
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	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	Without OS
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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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