

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 4GB DDR4 RAM

## 1TB SSD

## No WiFi

## Without OS

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



## Unleash Uncompromising Power: The Thinvent® Neo H Mini PC – Your Industrial Workhorse.

Experience the high-performance evolution of our bestselling Neo model with the Thinvent® Neo H Mini PC. Our largest and most powerful offering, this industrial workhorse is engineered for demanding applications like industrial control, delivering unmatched power and reliability. 100% designed and made in India, its solid steel build with a resilient powder-coated finish ensures extreme durability.

### Unrivaled Performance

- At its core, an Intel® Core™ i3-1215U processor with 6 cores and up to 4.4 GHz, featuring a 10 MB cache, tackles complex computational demands effortlessly.
- Equipped with a colossal 64GB DDR4 RAM, it provides fluid multitasking and superior data processing for intensive operations.
- A lightning-fast 1TB SSD guarantees instant boot times and rapid application loading.

### Robust Connectivity & Control

- A host of connectivity options includes dual display outputs (HDMI, VGA), two high-speed USB 3.2 ports, two USB 2.0 ports, and essential audio jacks (Speaker Out, Mic In).
- Secure and stable Gigabit Ethernet ensures critical wired network communication, crucial for industrial environments.
- Designed without integrated WiFi and OS, providing you complete control over system configuration and security, ideal for specialized deployments.

### Engineered for Extremes

- Housed in robust black steel (210mm x 202mm x 80mm), built to withstand the rigors of industrial settings.
- Reliable operation across a broad temperature range of 0°C ~ 40°C and 20% ~ 80% RH humidity (non-condensing).
- Features a wide-range 100~275 Volts AC power input with a robust 12V 7A adapter for stable, consistent performance.
- Proudly BIS, RoHS, and ISO certified, guaranteeing quality and environmental compliance.



# 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	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>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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

+91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

