



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 32GB DDR4 RAM

## 1TB SSD

## No WiFi

## Windows 11 Pro

## Thinvent Keyboard and Mouse set

SKU: H-I3\_12-32-M1024-12\_5-X-11P-KM



### Unleash Industrial Powerhouse Performance: The Thinvent® Neo H Mini PC.

Experience the pinnacle of compact computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Designed and manufactured in India with a robust steel housing, this industrial workhorse is engineered to tackle demanding tasks with unwavering reliability.

#### Engineered for Excellence

- Processor: Powered by an Intel® Core™ i3-1215U processor featuring 6 cores and a max frequency of 4.4 GHz with 10 MB cache, delivering exceptional processing power for complex applications.
- Memory & Storage: Multitask seamlessly with 16GB DDR4 RAM and benefit from rapid boot-ups and quick data access with the 32GB MLC SSD.
- Connectivity Suite: A comprehensive array of ports ensures versatile connectivity for all your peripherals and industrial control needs.
- Display Options: Integrated HDMI and VGA ports offer flexible display connectivity.
- Audio: Dedicated Speaker Out and Mic In for integrated audio solutions.
- High-Speed Networking: Equipped with a 1000 Mbps Ethernet port for reliable, fast network connections.

#### Built for the Toughest Environments



- Durable Construction: The solid steel housing with a black powder coating is built to withstand the rigors of industrial use.
- Reliable Power: Includes a 12V 7A adapter for consistent and stable power delivery.
- Global Compatibility: The 100~275 Volts AC power input ensures seamless operation worldwide.
- Optimized for Performance: Designed to operate efficiently within a 0°C ~ 40°C temperature range and 20% ~ 80% RH humidity.
- Certifications: BIS, RoHS, and ISO certified for quality and compliance.

#### Included Accessories

- Bundled with a Thinvent® Keyboard and Mouse set for immediate productivity.
- Comes pre-loaded with Microsoft Windows 11 Pro, offering a secure and efficient operating system.

Dimensions: Compact at 210mm × 202mm × 80mm, making it ideal for space-constrained environments.

Choose the Thinvent® Neo H Mini PC for unparalleled performance, rugged reliability, and comprehensive connectivity, making it the perfect solution for industrial control and demanding professional applications.



# 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	32 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	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	Microsoft Windows 11 Pro
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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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