



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 64GB DDR4 RAM

## 256GB SSD

## No WiFi

## DOS

SKU: H-I3\_12-64-M256-12\_5-X-DOS-0



Unleash Industrial Power with the Thinvent Neo H Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This is our largest, most robust model, engineered as a true industrial workhorse, 100% designed and made in India. Ideal for industrial control and similar demanding applications, it combines power with unwavering reliability.

### Unrivalled Performance

- Power through demanding tasks with the Intel® Core™ i3-1215U processor, featuring 6 cores and burst frequencies up to 4.4 GHz, backed by a generous 10 MB cache.
- Seamless multitasking is ensured with 8GB DDR4 RAM.
- Experience rapid boot times and reliable operation from the 32GB MLC SSD.

### Built for the Toughest Environments

- The solid steel housing with a durable power coating provides exceptional durability and a sleek black finish.

- Operates reliably across temperatures from 0°C to 40°C and humidity from 20% to 80% RH, non-condensing.
- Stable power input (100~275V AC, 50~60 Hz, 1.5 Amps max) with a 2-meter cable ensures consistent operation.

### Extensive Connectivity

- Connect all your peripherals with 2x USB 3.2 and 2x USB 2.0 ports.
- Versatile display options include 1x HDMI and 1x VGA.
- Essential audio I/O with Speaker Out and Mic In.
- Achieve ultra-stable networking with 1000 Mbps Ethernet.

### Quality and Compliance

- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental responsibility.
- Comes with FreeDOS, offering flexibility for your specific industrial OS or software needs.
- Compact dimensions: 210mm × 202mm × 80mm.



# 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	256 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	FreeDOS
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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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