



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## DOS

SKU: H-I5\_12-16-S32-12\_5-M-DOS-0



### Thinvent Neo H: Unleash Unmatched Industrial Power in a Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse, 100% designed and made in India, is our largest and most robust offering, engineered from solid steel to tackle the most demanding environments.

#### Uncompromising Performance

- Experience raw processing power with the Intel® Core™ i5-1250P processor, featuring 12 cores and turbo frequencies up to 4.4 GHz, backed by a 12 MB cache for seamless multitasking and intensive computations.
- Equipped with a massive 32GB DDR4 RAM and a lightning-fast 1TB SSD, the Neo H ensures rapid data access and exceptional responsiveness for critical applications.

#### Robust Connectivity & Versatility

- Connect effortlessly with dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable networking.

- A comprehensive array of ports includes 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, Speaker Out, and Mic In, providing versatile integration for industrial control systems and similar applications.

#### Engineered for Durability

- Housed in a black, power-coated steel chassis (210mm × 202mm × 80mm), this Mini PC is built to last.
- Operates reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH, non condensing.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Powered by a stable 12V 7A adapter with a wide 100-275V AC input range.

The Thinvent Neo H comes with FreeDOS, providing a clean slate for your specialized operating system requirements. Power your future with reliability and performance.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	32 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

### 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	1.73kg, 2.14kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE	
<b>H-i5_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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