

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

DOS

SKU: H-I5\_12-16-M512-12\_5-X-DOS-0



Thinvent® Neo H: The undisputed powerhouse for industrial precision.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This isn't just a computer; it's an industrial workhorse, engineered and manufactured 100% in India with a solid steel build to conquer the most demanding applications. Designed specifically for industrial control and similar rigorous environments, the Neo H delivers unwavering reliability and raw power where it matters most.

### Unleash Unrivaled Performance

- Powered by an Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz with a 12 MB cache, the Neo H handles complex computations and multi-threaded tasks with ease.
- Experience seamless multitasking and rapid data access with a generous 16GB DDR4 RAM.
- Store critical applications and vast datasets on the lightning-fast 1TB SSD, ensuring quick boot-ups and responsive operations.

### Robust Connectivity & Durability

- Connect effortlessly with a versatile array of ports, including 2x USB 3.2, 2x USB 2.0, 1x HDMI, 1x VGA, and gigabit Ethernet for stable network communication.
- Audio needs are covered with dedicated speaker out and mic in ports.
- Its powder-coated black steel housing (210mm x 202mm x 80mm) provides exceptional protection in challenging conditions, operating reliably from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO standards, the Neo H guarantees quality and compliance.

### Designed for Purpose

- The included 12V 7A adapter ensures stable power delivery (100~275V AC input).
- Pre-installed with FreeDOS, it offers a clean slate for your specialized industrial software, focusing on dedicated application deployment without bloat.
- No WiFi ensures a secure, stable, wired-only environment, crucial for many industrial settings.

Choose the Thinvent® Neo H for a powerful, reliable, and purpose-built solution that drives your industrial operations forward.



# 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	512 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
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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	1.73kg, 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>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

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