

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Ubuntu Linux

SKU: H-I5\_12-16-M1024-12\_5-X-U-0



### Thinvent® Neo H: Unmatched Power for Industrial Prowess.

Experience the high-performance evolution of our bestselling Neo line with the Thinvent® Neo H Mini PC. This is our largest, most powerful model, purpose-built as an industrial workhorse for demanding applications like industrial control. Proudly 100% designed and made in India, its solid steel build ensures unparalleled durability and resilience.

Unleash exceptional processing power with the Intel® Core™ i5-1250P processor, featuring 12 cores, a max frequency of 4.4 GHz, and 12 MB cache. Coupled with a massive 64GB DDR4 RAM and a rapid 512GB SSD, the Neo H delivers seamless multitasking and lightning-fast data access for critical operations.

#### Connectivity & Robustness

- Equipped with 1 HDMI and 1 VGA port for versatile display options.
- 2 USB 3.2 and 2 USB 2.0 ports for comprehensive peripheral support.
- Gigabit Ethernet (1000 Mbps) ensures reliable network communication.

- Audio convenience with Speaker Out and Mic In.
- Housed in power-coated black steel (210mm x 202mm x 80mm) for industrial-grade protection.

#### Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS for a secure, stable, and open-source environment.

#### Power & Environment

- Reliable 12V 7A adapter with a 2-meter cable, accepting wide power input (100~275V AC).
- Operates flawlessly across industrial environments from 0°C to 40°C in 20% to 80% non-condensing humidity.

#### Certified for Quality

- BIS, RoHS, ISO compliant, guaranteeing safety, environmental responsibility, and quality standards.

The Thinvent® Neo H is engineered to perform, providing a robust and powerful foundation for your most critical industrial tasks.



# 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	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

### 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	Ubuntu Linux 24.04 LTS
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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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