



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: H-I5\_14-16-S32-12\_5-M-11V-0



### Thinvent Neo H: The Industrial Powerhouse, Engineered for Excellence.

Experience unmatched performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse, our largest Neo model, is engineered in India for demanding applications like industrial control, offering robust power and unwavering reliability in a compact, solid steel chassis.

#### Performance Beyond Limits

Unleash exceptional speed and efficiency with the Intel® Core™ 5 12U processor, boasting 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache. Coupled with 16GB DDR4 RAM and a swift 32GB SSD, the Neo H delivers rapid boot-ups, seamless multitasking, and responsive operation for critical industrial tasks.

#### Comprehensive Connectivity

- Dual HDMI and a VGA port provide versatile multi-display support for monitoring and control systems.
- 2 USB 3.0 and 2 USB 2.0 ports for diverse peripheral connections.

- Gigabit Ethernet ensures high-speed wired networking.
- Dual Band Wi-Fi 5 (802.11ac) offers reliable wireless connectivity.
- Speaker Out and Mic In for complete audio integration.

#### Built to Endure

- Durable steel housing with a sleek black powder coating ensures longevity in harsh environments.
- Designed to operate from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO standards for unwavering quality and safety.
- Pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value for long-term stability, security, and enterprise-grade manageability.

The Thinvent Neo H is not just a mini PC; it's a testament to powerful, reliable, and proudly Indian engineering, ready to elevate your industrial operations.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	32 GB

### DISPLAY

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HDMI	2
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.0	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	1.33kg, 1.75kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE	
<b>H-i5_14-[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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