



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 64GB DDR4 RAM

## 32GB MLC SSD

## No WiFi

## Windows 11 Pro

SKU: H-I5\_14-64-S32-12\_5-X-11P-0



Power Through Anything: The Thinvent® Neo H, Your Industrial Command Center.

Unleash unparalleled power with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. Engineered as a robust industrial workhorse, this compact powerhouse is designed to excel in demanding environments, making it ideal for industrial control and similar critical applications.

### Performance at its Core

- Experience blazing speed with the Intel® Core™ 5 120U processor, featuring 10 cores, a max frequency of 5.0 GHz, and 12 MB cache.
- Multitask seamlessly with 8GB DDR4 RAM.
- Enjoy rapid boot-ups and data access from the 128GB SSD.

### Built for Durability

- This largest product in our range boasts a solid steel housing with a power coating finish, ensuring longevity and resilience.
- 100% designed and made in India, guaranteeing quality and local support.

### Unrivalled Connectivity

- Hook up multiple displays with 2x HDMI and 1x VGA ports.
- Connect essential peripherals via 2x USB 3.0 and 2x USB 2.0 ports.
- Ensure stable, high-speed networking with 1000 Mbps Ethernet.
- Integrated speaker out and mic in for comprehensive audio needs.

### Ready for Anything

- Pre-loaded with Microsoft Windows 11 Pro for immediate productivity.
- Operates reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH.
- BIS, RoHS, and ISO certified for peace of mind.

Dimensions: 210mm x 202mm x 80mm.

### Power Input

- 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum.
- Includes a 12V 7A Adapter with a 2 Metre cable.



# 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	64 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
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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	1.33kg, 1.75kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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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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