



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 8GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## DOS

SKU: H-I5\_14-8-M1024-12\_5-M-DOS-0



## Unleash Mighty Performance in a Mini Footprint.

The Thinvent® Neo H Mini PC redefines compact computing, delivering a powerhouse of performance in an incredibly small form factor. Designed for those who demand uncompromising speed and versatility, this Mini PC is engineered to excel in any environment, from demanding workstations to sleek home offices.

### Performance Unbound

- Experience blazing-fast computing with the Intel® Core™ 5 120U processor, featuring 10 cores and an impressive 5.0 GHz max frequency, backed by a 12 MB cache for seamless data access.
- Multitask without limits thanks to a colossal 64GB DDR4 RAM, ensuring silky-smooth operation even with intensive applications.
- Boot up instantly and load programs in a flash with the responsive 256GB SSD storage.

### Seamless Connectivity

- Connect effortlessly to multiple displays using the dual HDMI ports and an additional VGA output.
- Enjoy rapid data transfer and networking with a 1000 Mbps Ethernet port and dual-band Wi-Fi 5 (802.11ac) for reliable wireless access.

- Four USB ports (two USB 3.0, two USB 2.0), along with dedicated speaker out and mic in, provide extensive peripheral flexibility.

### Built to Last

- Encased in a durable, black powder-coated steel housing, measuring just 210mm x 202mm x 80mm, the Neo H is engineered for longevity and discreet integration.
- Its robust design supports operation in temperatures from 0°C to 40°C and humidity from 20% to 80% RH, non-condensing.
- Quality and compliance are guaranteed with BIS, RoHS, and ISO certifications.
- Powered by a versatile 12V 7A adapter with a 2-meter cable, it adapts to various power inputs (100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum).

### Your OS, Your Choice

- Shipped with FreeDOS, the Thinvent® Neo H offers you the freedom to install the operating system that best suits your needs, providing ultimate customization and value.

# 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	8 GB
SSD Storage	1024 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	FreeDOS
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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>64</b> = 64GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		<b>m256</b> = 256GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <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>11V</b> = Windows 11 IoT Value <b>Thinix</b> = Thinix™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>1S</b> = DB9 Serial <b>Mo</b> = Wired Optical Scroll Mouse		<b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard

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