

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## DOS

## Thinvent Keyboard and Mouse set

SKU: H-I5\_14-16-M1024-12\_5-X-DOS-KM



## Unleash Unrivaled Performance: The Industrial Powerhouse Mini PC.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built for relentless reliability, this is our most robust Mini PC yet, boasting a powerhouse Intel® Core™ 5 120U processor and an expansive 64GB of DDR4 RAM. Experience desktop-grade power in an ultra-compact, steel chassis designed for the toughest environments.

### Key Benefits

- Blazing-Fast Processing: Conquer complex tasks with a 10-core processor, reaching speeds of up to 5.0 GHz, complemented by a 12 MB cache for seamless multitasking.
- Massive Memory & Storage: Effortlessly handle large datasets and applications with 64GB of DDR4 RAM and a lightning-quick 1TB SSD for rapid data access.
- Versatile Connectivity: Connect to any display with 2 HDMI ports and 1 VGA port. Integrated audio and microphone jacks, 4 USB ports (2x USB 3.0, 2x USB 2.0), and a robust 1000 Mbps Ethernet port ensure all your peripherals and network needs are met.

Built to Last: The heavy-duty steel housing, finished in a durable black powder coating, is designed for longevity in industrial settings.

- Ready for Work: Comes pre-loaded with FreeDOS, allowing you to install your preferred operating system. Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Designed and Made in India: Experience the quality and innovation of 100% Indian design and manufacturing.

### Specifications

- Processor: Intel® Core™ 5 120U (10 core, up to 5.0 GHz, 12 MB cache)
- RAM: 64GB DDR4
- Storage: 1TB SSD
- Power Adapter: 12V 7A
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 2x USB 3.0, 2x USB 2.0
- Ethernet: 1000 Mbps
- Power Input: 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum
- Operating Environment: 0°C ~ 40°C, 20% ~ 80% RH non-condensing
- Certifications: BIS, RoHS, ISO
- Dimensions: 210mm x 202mm x 80mm
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Operating System: FreeDOS



thinvent



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

---

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	1024 GB

### DISPLAY

---

HDMI	2
VGA	1

### AUDIO

---

Speaker Out	1
Mic In	1

### CONNECTIVITY

---

USB 3.0	2
USB 2.0	2

### NETWORKING

---

Ethernet	1000 Mbps
----------	-----------

### POWER

---

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

---

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

---

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	1.85kg, 2.27kg

### ACCESSORIES

---

Keyboard and Mouse	1
--------------------	---

### OPERATING SYSTEM

---

Operating System	FreeDOS
------------------	---------

## 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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
#11 Sports Complex  
Salvador Do Mundo  
North Goa - 403101, India

**Sales**  
UGF-10-A Omaxe Gurgaon Mall  
Sector 49, Sohna Road  
Gurgaon - 122018, India

