



## Thinvent Neo H Mini PC

### Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

### 32GB DDR4 RAM

### 32GB MLC SSD

### Dual Band WiFi

### Windows 11 Pro

### Thinvent Keyboard and Mouse set

SKU: H-I5\_14-32-S32-12\_5-M-11P-KM



### Unleash Industrial Power: The Reinvented Workhorse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model, meticulously designed and crafted in India. This isn't just a mini PC; it's an industrial workhorse built to tackle demanding tasks. Experience unparalleled processing power with the Intel® Core™ 5 120U processor, featuring 10 cores that reach up to 5.0 GHz and a 12 MB cache for lightning-fast operations.

Designed for resilience and reliability, the Neo H boasts a robust steel housing with a durable black powder coating. Its generous connectivity options make it the ideal solution for industrial control and similar applications. Drive multiple displays effortlessly with 2 HDMI ports and 1 VGA port. Connect all your peripherals with 2 USB 3.0 and 2 USB 2.0 ports, and enjoy seamless networking with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

#### Key Specifications

- Processor: Intel® Core™ 5 120U (10 Cores, up to 5.0 GHz, 12 MB Cache)

- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 2 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- Connectivity: 2 USB 3.0, 2 USB 2.0, 1000 Mbps Ethernet, Wi-Fi 5 (802.11ac) Dual Band
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Microsoft Windows 11 Pro
- Included Accessories: Thinvent® Keyboard and Mouse set

Built to last in demanding environments, the Thinvent® Neo H Mini PC operates flawlessly between 0°C and 40°C with 20% ~ 80% RH humidity. Certified for BIS, RoHS, and ISO, this 100% Indian-made marvel delivers exceptional performance and robust connectivity for your critical applications. Its compact dimensions (210mm × 202mm × 80mm) and solid steel construction ensure it's ready for any challenge.

# 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     | 32 GB |
| SSD Storage     | 32 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

H-i5\_14-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                            |                                                                |                |                |
|-------------|----------------------------------------------------------------------------|----------------------------------------------------------------|----------------|----------------|
| RAM         | 4 = 4GB DDR4<br>64 = 64GB DDR4                                             | 8 = 8GB DDR4                                                   | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| SSD         | m128 = 128GB<br>m32 = 32GB<br>m1024 = 1TB<br>S128 = 128GB                  | m256 = 256GB<br>m512 = 512GB<br>S32 = 32GB MLC<br>S256 = 256GB |                |                |
| Wireless    | m = Dual Band WiFi                                                         | X = No WiFi                                                    |                |                |
| OS          | DOS = DOS<br>11V = Windows 11 IoT Value<br>Thinix = Thinix™ Embedded Linux | W_OS = Without OS<br>11P = Windows 11 Pro<br>U = Ubuntu Linux  |                |                |
| Accessories | 0 = None<br>1S = DB9 Serial<br>Mo = Wired Optical Scroll Mouse             | KM = Keyboard and Mouse set<br>MK = Mechanical Keyboard        |                |                |

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