



## Thinvent Neo H Mini PC

### Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

### Dual LAN

### 32GB DDR5 RAM

### 1TB SSD

### No WiFi

### Windows 11 Pro

### Thinvent Keyboard and Mouse set

SKU: H-CU5\_14L-32\_5-M1024-12\_5-X-11P-KM



Unleash Industrial Power, Compacted.

Introducing the Neo H: The High-Performance Heart for Demanding Operations.

This isn't just a mini PC; it's a robust industrial engine built for reliability. As the high-performance version of our bestselling Neo, the Neo H delivers exceptional processing muscle in a rugged, steel-clad chassis, engineered to thrive where standard computers cannot.

#### Ideal for Industrial Control

- Manage complex automation, process control, and HMI systems with smooth, uninterrupted performance.

- Connect and integrate a wide array of machinery and peripherals thanks to its versatile I/O and dual LAN ports.
- Deploy with confidence in challenging environments, backed by a solid steel build and proven industrial certifications.

#### Why Choose the Neo H?

Experience the pinnacle of dependable computing, 100% designed and made in India for local industrial needs. It combines formidable processing power with unwavering durability, ensuring your critical applications run flawmatically day in, day out. This is the industrial workhorse engineered for the long haul.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 14th    |
| Series          | Ultra 5 |
| Processor Brand | Intel   |
| Processor Model | 125U    |
| Cores           | 12      |
| Max Frequency   | 4.3 GHz |
| Cache           | 12 MB   |
| Main Memory     | 32 GB   |
| SSD Storage     | 1024 GB |

### DISPLAY

|          |   |
|----------|---|
| HDMI 2.0 | 1 |
| VGA      | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|              |   |
|--------------|---|
| USB 3.2      | 2 |
| USB 2.0      | 2 |
| RS485 Option | 1 |

### NETWORKING

|                |           |
|----------------|-----------|
| Ethernet       | 1000 Mbps |
| Ethernet Ports | 2         |

### 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 | 2.24kg, 2.66kg        |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

### PRODUCT CODE

**H-cu5\_14l-[RAM]-[SSD]-12\_5-[Wireless]-[OS]-[Accessories]**

|             |                                             |                                    |                         |                                             |
|-------------|---------------------------------------------|------------------------------------|-------------------------|---------------------------------------------|
| RAM         | <b>8_5</b> = 8GB DDR5                       | <b>16_5</b> = 16GB DDR5            | <b>32_5</b> = 32GB DDR5 | <b>32_5_32_5</b> = 64GB DDR5 RAM (2 x 32GB) |
|             | <b>16_5_16_5</b> = 32GB DDR5 RAM (2 x 16GB) |                                    |                         |                                             |
| SSD         | <b>m128</b> = 128GB                         | <b>m256</b> = 256GB                |                         |                                             |
|             | <b>m512</b> = 512GB                         | <b>m1024</b> = 1TB                 |                         |                                             |
|             | <b>S32</b> = 32GB MLC                       | <b>S128</b> = 128GB                |                         |                                             |
|             | <b>S256</b> = 256GB                         |                                    |                         |                                             |
| Wireless    | <b>m</b> = Dual Band WiFi                   | <b>X</b> = No WiFi                 |                         |                                             |
| OS          | <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            |                         |                                             |
| Accessories | <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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