



## Thinvent Neo H Mini PC

### Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

### Dual LAN

### 8GB DDR5 RAM

### 128GB SSD

### No WiFi

### Without OS

SKU: H-CU5\_14L-8\_5-S128-12\_5-X-W\_OS-0



Powerful Performance, Built for Demanding Duty: Introducing the Thinvent® Neo H Mini PC.

Engineered for the heart of industry, the Neo H is our most robust and capable Mini PC. This industrial workhorse delivers the serious processing muscle required for seamless control and automation in challenging environments.

#### Built to Endure, Designed to Perform

- Experience reliable, high-speed computing that keeps critical operations running smoothly without interruption.
- Its solid steel construction ensures exceptional durability, standing up to the rigours of the factory floor or control room.

- Dual Gigabit Ethernet ports provide versatile and stable network connectivity, essential for industrial networking and data acquisition.
- A generous array of ports offers maximum flexibility to connect to a wide range of monitors, peripherals, and legacy industrial equipment.
- Proudly 100% designed and made in India, supporting local industry with globally competitive engineering.

Ideal for applications where rugged reliability is non-negotiable, such as industrial process control, digital signage, and machine automation. Choose the Neo H for a computing solution that combines formidable power with unwavering resilience.



# 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     | 8 GB    |
| SSD Storage     | 128 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 | 1.73kg, 2.14kg        |

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

| PRODUCT CODE                                             |                                      |                             |                  |                                      |
|----------------------------------------------------------|--------------------------------------|-----------------------------|------------------|--------------------------------------|
| H-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories] |                                      |                             |                  |                                      |
| RAM                                                      | 8_5 = 8GB DDR5                       | 16_5 = 16GB DDR5            | 32_5 = 32GB DDR5 | 32_5_32_5 = 64GB DDR5 RAM (2 x 32GB) |
|                                                          | 16_5_16_5 = 32GB DDR5 RAM (2 x 16GB) |                             |                  |                                      |
| SSD                                                      | m128 = 128GB                         | m256 = 256GB                |                  |                                      |
|                                                          | m512 = 512GB                         | m1024 = 1TB                 |                  |                                      |
|                                                          | S32 = 32GB MLC                       | S128 = 128GB                |                  |                                      |
|                                                          | S256 = 256GB                         |                             |                  |                                      |
| Wireless                                                 | m = Dual Band WiFi                   | X = No WiFi                 |                  |                                      |
| OS                                                       | DOS = DOS                            | W_OS = Without OS           |                  |                                      |
|                                                          | 11V = Windows 11 IoT Value           | 11P = Windows 11 Pro        |                  |                                      |
|                                                          | Thinix = Thinix™ Embedded Linux      | U = Ubuntu Linux            |                  |                                      |
| Accessories                                              | 0 = None                             | KM = Keyboard and Mouse set |                  |                                      |
|                                                          | 1S = DB9 Serial                      | MK = Mechanical Keyboard    |                  |                                      |
|                                                          | Mo = Wired Optical Scroll Mouse      |                             |                  |                                      |

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