



## 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

### Thinux Embedded Linux

SKU: H-CU5\_14L-8\_5-M128-12\_5-X-THINUX-0



Unleash industrial-grade power in a compact, rugged frame.

### Thinvent Neo H Mini PC: The High-Performance Workhorse

Forged from solid steel and 100% designed and made in India, the Neo H is built to thrive where others falter. This isn't just a computer; it's a relentless partner for your most demanding industrial environments. From factory floor control systems to digital signage and automation hubs, it delivers unwavering reliability.

Experience robust performance that keeps critical applications running smoothly, day in and day out. Its versatile dual LAN and comprehensive connectivity seamlessly integrate with a wide array of legacy and modern equipment, simplifying your setup.

Pre-loaded with our feature-rich Thinux™ Embedded Linux OS, it's ready to work straight out of the box. Remotely manage and troubleshoot with ease using the built-in browser-based tools, VNC, and RDP support. Develop and run custom location-based or control applications with native support for Python and Java.

Choose the Neo H for steadfast performance you can depend on, backed by local engineering and a build that's made to last.



# 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 | Thinvent® Thinux™ Embedded Linux                                                                                                                                                                                                                                                                                                                                  |
| OS Features      | <p>Chromium and Mozilla Firefox browsers.</p> <p>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.</p> <p>Browser based remote management. VNC shadowing.</p> <p>Java, Python and glibc based location application support.</p> <p>LibreOffice and PDF viewer.</p> <p>Multimedia player with MPEG4 support.</p> <p>SIP video and voice over IP.</p> |

## 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

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

Thinix = Thinix™ Embedded Linux

W\_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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