



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 Pro

SKU: H-I3\_12-8\_8-M512-12\_7-X-11P-0



Unleash Compact Power: The Thinvent® Neo H Mini PC.

Experience desktop performance in a miniature footprint with the Thinvent® Neo H. Engineered for efficiency and reliability, this Mini PC is your ideal partner for professional productivity, education, and demanding home use.

### Exceptional Performance

- Driven by the Intel® Core™ i3-1215U processor, featuring 6 cores and burst speeds up to 4.4 GHz with 10 MB cache for lightning-fast responsiveness.
- Enjoy seamless multitasking and smooth application handling with 8GB DDR4 RAM.
- Boot up in seconds and load applications instantly thanks to the rapid 256GB SSD storage.
- Powered by Microsoft Windows 11 Pro, offering enhanced security, intuitive navigation, and powerful productivity tools for a truly professional experience.

### Robust Connectivity & Display

- Connect effortlessly with a reliable 1000 Mbps Ethernet port for rock-solid wired network performance.

- Expand your visual workspace with dual display support via 1 HDMI and 1 VGA port.
- Stay connected with two USB 3.2 and two USB 2.0 ports for all your peripherals, alongside dedicated speaker out and mic in jacks.

### Durable Design & Reliability

- Housed in a robust black powder-coated steel chassis, the Thinvent® Neo H is built for longevity and a sleek, professional aesthetic, measuring just 210mm × 202mm × 80mm.
- Designed for continuous operation in temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Backed by BIS, RoHS, and ISO certifications, ensuring quality and environmental compliance.

Powering your productivity with a 12V 7A adapter and a generous 2-meter cable for flexible setup, capable of handling 100~275 Volts AC input.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 12th    |
| Series          | i3      |
| Processor Brand | Intel   |
| Processor Model | 1215U   |
| Cores           | 6       |
| Max Frequency   | 4.4 GHz |
| Cache           | 10 MB   |
| Main Memory     | 16 GB   |
| SSD Storage     | 512 GB  |

### DISPLAY

|      |   |
|------|---|
| HDMI | 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 |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 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 | 1.79kg, 2.21kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

H-i3\_12-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

## RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32\_32 = 64GB  
DDR4 RAM (2 x  
32GB)16\_16 = 32GB  
DDR4 RAM (2 x  
16GB)8\_8 = 16GB DDR4  
RAM (2 x 8GB)

## 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

Thinux = Thinux™ 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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