



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 4GB DDR4 RAM

## 256GB SSD

## Dual Band WiFi

## DOS

## Thinvent Keyboard and Mouse set

SKU: H-I5\_14-4-M256-12\_5-M-DOS-KM



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

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed to tackle demanding applications with unwavering stability.

### Unrivalled Processing Muscle

- Powered by the Intel® Core™ 5 120U processor, featuring a formidable 10 cores that reach up to 5.0 GHz with a 12 MB cache, ensuring lightning-fast multitasking and responsiveness.

### Robust Memory and Storage

- 4GB DDR4 RAM provides smooth operation for your critical tasks.
- A speedy 128GB SSD offers rapid boot times and quick access to your essential files.

### Versatile Connectivity for Every Need

- Dual HDMI and one VGA port offer extensive display options for your industrial control setups.
- Connect all your peripherals with 2x USB 3.0 and 2x USB 2.0 ports.

- Enjoy seamless networking with 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac).
- Integrated speaker out and mic in for audio integration.

### Built to Endure

- A rugged steel housing with a durable black power coating ensures longevity in any industrial environment.
- 100% designed and made in India, embodying quality and innovation.

### Ready for Immediate Deployment

- Comes pre-loaded with FreeDOS, giving you the flexibility to install your preferred operating system.
- Includes a Thinvent® keyboard and mouse set for instant productivity.
- A reliable 12V 7A adapter powers this industrial champion.

### Certifications and Specifications

- BIS, RoHS, ISO certified for peace of mind.
- Dimensions: 210mm × 202mm × 80mm.
- Wide operating temperature (0°C ~ 40°C) and humidity (20% ~ 80% RH, non condensing) range.

# 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     | 4 GB   |
| SSD Storage     | 256 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 | FreeDOS |
|------------------|---------|

## 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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