



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 32GB MLC SSD

## Dual Band WiFi

## Windows 11 Pro

SKU: H-I5\_14-16-S32-12\_5-M-11P-0



Command unrivaled power in a compact industrial form factor.

### Introducing the Thinvent® Neo H Mini PC

The High Performance version of our bestselling Neo model, engineered to be an industrial workhorse. This is our largest product, combining powerful CPU and RAM configurations with a host of connectivity options, perfect for industrial control and similar demanding applications. Proudly 100% designed and made in India, its solid steel build ensures unparalleled durability.

### Experience uncompromising performance

- Powered by an Intel® Core™ 5 120U processor, featuring 10 cores that surge up to 5.0 GHz with 12 MB cache for exceptional speed and multitasking.
- 16GB DDR4 RAM ensures smooth operation, while the 32GB SSD delivers lightning-fast boot-ups and application loading.
- Pre-installed with Windows 11 Pro, offering enhanced security and productivity for professional environments.

### Unmatched connectivity and reliability

- Triple display support with 2x HDMI and 1x VGA ports for versatile display setups.
- Ample peripheral connections with 2x USB 3.0 and 2x USB 2.0, plus dedicated Speaker Out and Mic In ports.
- Fast, stable networking via 1000 Mbps Ethernet and dual band Wi-Fi 5 (802.11ac).
- Built tough: Its robust steel housing with power coating in black is designed to withstand operating temperatures from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO for guaranteed quality and compliance, making it a reliable choice for your critical operations.

Powering your operations reliably with its included 12V 7A adapter, this compact powerhouse measures 210mm × 202mm × 80mm and is ready for any challenge.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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|                 |       |
|-----------------|-------|
| Generation      | 14th  |
| Series          | i5    |
| Processor Brand | Intel |
| Processor Model | 120U  |
| Cores           | 10    |
| Max Frequency   | 5 GHz |
| Cache           | 12 MB |
| Main Memory     | 16 GB |
| SSD Storage     | 32 GB |

### DISPLAY

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|      |   |
|------|---|
| HDMI | 2 |
| VGA  | 1 |

### AUDIO

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

### CONNECTIVITY

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|         |   |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

### NETWORKING

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|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

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|              |  |
|--------------|--|
| 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

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|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

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|                      |                       |
|----------------------|-----------------------|
| 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 | 1.33kg, 1.75kg        |

### OPERATING SYSTEM

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

## Ordering Information

| PRODUCT CODE  |  |
|---|--|
| <b>H-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b> |  |
| <b>RAM</b>  | <b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4<br><b>64</b> = 64GB DDR4   |
| <b>SSD</b>  | <b>m128</b> = 128GB <b>m256</b> = 256GB<br><b>m32</b> = 32GB <b>m512</b> = 512GB<br><b>m1024</b> = 1TB <b>S32</b> = 32GB MLC<br><b>S128</b> = 128GB <b>S256</b> = 256GB      |
| <b>Wireless</b>   | <b>m</b> = Dual Band WiFi <b>X</b> = No WiFi   |
| <b>OS</b>   | <b>DOS</b> = DOS <b>W_OS</b> = Without OS<br><b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux |
| <b>Accessories</b>  | <b>0</b> = None <b>KM</b> = Keyboard and Mouse set<br><b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard<br><b>Mo</b> = Wired Optical Scroll Mouse                       |

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