



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

**4GB DDR4 RAM**

**1TB SSD**

**No WiFi**

**Windows 11 Professional**

SKU: H-I5\_14-4-M1024-12\_5-X-110-0



Industrial strength, desktop finesse – the Neo H Mini PC powers your most demanding work.

### Built for the serious side of computing

- Tackles industrial control, machine monitoring and data acquisition with effortless stability
- Handles multi-tasking and complex applications without breaking a sweat, so you can keep production lines moving
- Keeps running through long shifts in dusty, hot environments thanks to its solid steel housing

### Designed to fit in anywhere

- Compact enough to mount behind a display or tuck into a control cabinet, freeing up valuable workspace
- Offers a rich selection of ports to connect legacy machinery and modern peripherals alike
- Brings dependable wired networking for reliable, low-latency communication across your plant

### The workhorse you can rely on

- 100% designed and made in India, with robust manufacturing you can trust
- Tough powder-coated steel build shrugs off knocks, vibrations and the rough-and-tumble of factory life
- Runs on Windows 11 Professional, giving you the familiar, secure platform your team already knows

### When downtime is not an option

- Quick to deploy, simple to manage, and ready for continuous operation around the clock
- The high-performance choice for engineers who need real computing muscle in a compact footprint
- Ideal as an alternative to ageing desktop towers, without sacrificing connectivity or power

Choose the Neo H Mini PC and give your industrial applications the dependable, high-performing heart they deserve – day in, day out.



# 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     | 1024 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 |
|----------|-----------|

### 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 | 1.33kg, 1.75kg        |

### OPERATING SYSTEM

|                  |                                   |
|------------------|-----------------------------------|
| Operating System | Microsoft Windows 11 Professional |
|------------------|-----------------------------------|

## Ordering Information

## PRODUCT CODE

H-i5\_14-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                 |              |                                 |                |
|-------------|---------------------------------|--------------|---------------------------------|----------------|
| RAM         | 4 = 4GB DDR4                    | 8 = 8GB DDR4 | 16 = 16GB DDR4                  | 32 = 32GB DDR4 |
| SSD         | m128 = 128GB                    |              | m256 = 256GB                    |                |
|             | m512 = 512GB                    |              | m1024 = 1TB                     |                |
|             | m2048 = 2TB                     |              | 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            |                |
|             | 110 = Windows 11 Professional   |              | 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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