



## Thinvent Neo H Mini PC

### AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

**4GB DDR4 RAM**

**2TB SSD**

**No WiFi**

**Ubuntu Linux**

SKU: H-R5\_75-4-M2048-19\_3-X-U-0



Power through industrial workloads, day after day.

The Thinvent Neo H Mini PC is built for businesses that need dependable computing on the factory floor, in the control room, or wherever the work happens. With an AMD Ryzen 5 7530U processor offering six cores and speeds up to 4.5 GHz, it handles demanding industrial control tasks, data logging, and point-of-sale operations without hesitation. The generous 16 MB cache keeps things responsive when you are juggling multiple processes at once.

Whether you are running production line software, managing inventory systems, or powering kiosks and digital signage, this machine keeps pace. Ubuntu Linux 24.04 LTS comes pre-installed, so you can deploy straight out of the box without wrestling with licensing or setup headaches.

### Here is why it belongs in your operation

- Proven reliability from the bestselling Neo family, now with more processing muscle
- Solid steel housing with a powder-coated finish stands up to busy industrial environments
- Extensive connectivity including HDMI, VGA, audio in and out, four USB ports, and Gigabit Ethernet for flexible setup
- 100% designed and made in India, supporting local manufacturing
- Certified to BIS, RoHS, and ISO standards for peace of mind
- Compact footprint that fits into tight spaces without sacrificing capability

If you need a workhorse that simply gets on with the job, the Neo H is ready.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |             |
|-----------------|-------------|
| Generation      | 7000 Series |
| Series          | Ryzen 5     |
| Processor Brand | AMD         |
| Processor Model | 7530U       |
| Cores           | 6           |
| Max Frequency   | 4.5 GHz     |
| Cache           | 16 MB       |
| Main Memory     | 4 GB        |
| SSD Storage     | 2048 GB     |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|               |   |
|---------------|---|
| USB 3.2 Gen 1 | 2 |
| USB 2.0       | 2 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 19 Volts                                     |
| DC Current   | 3 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 | 1.27kg, 1.69kg        |

### OPERATING SYSTEM

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

## Ordering Information

| PRODUCT CODE                                           |                                                                                                                          |                                                                                                   |                                                               |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| H-r5_75-[RAM]-[SSD]-19_3-[Wireless]-[OS]-[Accessories] |                                                                                                                          |                                                                                                   |                                                               |
| RAM                                                    | <b>4</b> = 4GB DDR4<br><b>32_32</b> = 64GB DDR4 RAM (2 x 32GB)                                                           | <b>8</b> = 8GB DDR4<br><b>16_16</b> = 32GB DDR4 RAM (2 x 16GB)                                    | <b>16</b> = 16GB DDR4<br><b>8_8</b> = 16GB DDR4 RAM (2 x 8GB) |
|                                                        | <b>32</b> = 32GB DDR4                                                                                                    |                                                                                                   |                                                               |
| SSD                                                    | <b>m128</b> = 128GB<br><b>m512</b> = 512GB<br><b>m2048</b> = 2TB<br><b>S128</b> = 128GB                                  | <b>m256</b> = 256GB<br><b>m1024</b> = 1TB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB         |                                                               |
| Wireless                                               | <b>m</b> = Dual Band WiFi                                                                                                | <b>X</b> = No WiFi                                                                                |                                                               |
| OS                                                     | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>110</b> = Windows 11 Professional<br><b>U</b> = Ubuntu Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux |                                                               |
| Accessories                                            | <b>0</b> = None<br><b>1S</b> = DB9 Serial<br><b>Mo</b> = Wired Optical Scroll Mouse                                      | <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard                             |                                                               |

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