



# Thinvent Neo H Mini PC

## AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

**16GB DDR4 RAM**

**32GB MLC SSD**

**No WiFi**

**Without OS**

SKU: H-R5\_7-16-S32-19\_3-X-W\_OS-0



Uncompromising power for the toughest industrial tasks.

### Built for Industry

The Neo H Mini PC is the high-performance flagship of our bestselling Neo series. Designed as an industrial workhorse, it delivers the muscle you need for demanding control systems, edge computing, and automation tasks. No fluff, just raw, reliable performance where it counts.

### Designed and Made in India

Every Neo H is 100% designed and manufactured in India. Its solid steel chassis, finished with a durable powder coating, shrugs off the bumps and vibrations of a factory floor. This is a machine built to last, not a consumer toy.

### Connectivity That Counts

A generous selection of USB 3.2 Gen 1 and USB 2.0 ports, along with HDMI and VGA outputs, ensures seamless integration with your existing industrial peripherals, monitors, and legacy equipment. Dual Ethernet means reliable network connections for mission-critical operations.

### Your Operating System, Your Way

Supplied without an operating system, the Neo H gives you complete freedom to install the Linux, Windows, or custom RTOS that your application demands. No bloatware, no compromises.

### The Smart Choice for Serious Applications

Whether you are controlling a production line, running a digital signage network, or powering a kiosk, the Neo H Mini PC provides the dependable, high-throughput computing you need. It is the upgrade your industrial setup has been waiting for.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |             |
|-----------------|-------------|
| Generation      | 7000 Series |
| Series          | Ryzen 5     |
| Processor Brand | AMD         |
| Processor Model | 7430U       |
| Cores           | 6           |
| Max Frequency   | 4.3 GHz     |
| Cache           | 16 MB       |
| Main Memory     | 16 GB       |
| SSD Storage     | 32 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 | Without OS |
|------------------|------------|

## Ordering Information

### PRODUCT CODE

**H-r5\_7-[RAM]-[SSD]-19\_3-[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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