



## Thinvent Neo H Mini PC

### AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

Dual Band WiFi

DOS

SKU: H-R5\_75-32\_32-M1024-19\_3-M-DOS-0



The industrial workhorse that keeps your operation moving.

The Thinvent Neo H Mini PC brings serious AMD Ryzen 5 performance to the heart of your business. Built for industrial control and similar demanding applications, it handles the workloads that keep production lines, monitoring stations and back-office systems running smoothly all day.

#### Why choose the Neo H

- Powerful processing for real work. The AMD Ryzen 5 7530U with six cores responds quickly to multitasking, data logging and control software, so your team spends less time waiting and more time producing.
- Ready for your equipment. With HDMI, VGA, dual USB 3.2 Gen 1 and USB 2.0 ports, speaker out and mic in, plus Gigabit Ethernet and dual band Wi-Fi, it connects to the displays, peripherals and networks you already use.

- Built to last on the factory floor. The solid steel housing with a powder coated black finish stands up to the knocks and dust of an industrial environment, while the wide 100 to 240 volt power input copes with unstable mains supply.
- Compact where space matters. Its mini PC form factor fits into control cabinets and tight workstations without crowding out the equipment around it.
- Proudly made in India. Designed and manufactured here, backed by BIS, RoHS and ISO certifications, with the support of a brand that understands industrial buyers.

If you need a dependable, powerful and locally built computer for industrial control, the Thinvent Neo H is the one to specify.

# 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     | 64 GB       |
| SSD Storage     | 1024 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 | FreeDOS |
|------------------|---------|

## Ordering Information

## PRODUCT CODE

H-r5\_75-[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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

## Wireless

m = Dual Band WiFi

X = No WiFi

## OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W\_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

## Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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