



# Thinvent Neo H Mini PC

## AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

64GB DDR4 RAM (2 x 32GB)

256GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-R5\_7-32\_32-S256-19\_3-M-DOS-KM



Power through your toughest industrial tasks with the Thinvent Neo H Mini PC – the high-performance workhorse you can rely on.

### Unmatched industrial performance

Built on the bestselling Neo platform, this machine delivers the raw processing power you need for demanding industrial control, automation, and data-handling applications. The AMD Ryzen™ 5 processor ensures smooth multitasking and responsive operation, even under constant load.

### Designed for the factory floor

Every component is chosen for durability. The solid steel chassis is powder-coated to resist wear and tear, while the compact form factor fits neatly into control cabinets or space-constrained workstations. Operating reliably from 0°C to 40°C, it thrives in tough environments.

### Connectivity that keeps you productive

With dual-band Wi-Fi, Gigabit Ethernet, USB 3.2, HDMI, and VGA outputs, this mini PC connects effortlessly to displays, peripherals, and networks. No need for extra adapters or hubs – just plug in and get to work.

### 100% designed and made in India

Proudly engineered and manufactured in India, the Neo H offers the quality assurance and supply-chain resilience that local industry demands. It's built to be a long-term partner, not just a short-term purchase.

### Why choose the Thinvent Neo H

- Exceptional processing power for industrial control and automation
- Rugged steel construction with powder-coated finish for long life
- Extensive connectivity – wired and wireless, legacy and modern ports
- Compact footprint that saves valuable bench or cabinet space
- Full confidence with BIS, RoHS, and ISO certifications
- Comes complete with Thinvent keyboard and mouse, ready to run on FreeDOS

Upgrade your operations with the mini PC that's built to work as hard as you do. The Thinvent Neo H – power, reliability, and Indian engineering in one compact package.

# 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     | 64 GB       |
| SSD Storage     | 256 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 | 1.79kg, 2.21kg        |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## 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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