# Thinvent Neo H Mini PC

## AMD Ryzen 5 7530U processor

### 6 core, up to 4.5 GHz, 16 MB cache

## 16GB DDR4 RAM (2 x 8GB)

## 32GB MLC SSD

## Dual Band WiFi

## Thinux Embedded Linux

SKU: H-R5_75-8_8-S32-19_3-M-THINUX-0




Power through your toughest workloads with the Thinvent Neo H Mini PC.

When your operation needs serious computing muscle in a compact footprint, the Neo H delivers. Built around an AMD Ryzen 5 7530U processor with six cores and speeds up to 4.5 GHz, this is the high performance edition of our bestselling Neo range, ready to handle demanding industrial control and similar applications without breaking a sweat.

**Why choose the Neo H**

- Industrial workhorse performance. The powerful processor and memory configuration keep your critical applications responsive, even when multitasking across control systems, monitoring dashboards and office tools.
- Built for the factory floor. A solid steel housing with a powder coated finish stands up to the realities of industrial environments, so you can deploy it where the work happens.
- Genuine connectivity. Dual band WiFi and Gigabit Ethernet keep you linked to your network, while HDMI, VGA, multiple USB ports, speaker out and mic in cover your displays, peripherals and communications needs.
- Ready to work out of the box. Thinux Embedded Linux comes preloaded with Chromium and Firefox browsers, RDP and SSH for remote display, VNC shadowing, browser based remote management, LibreOffice, PDF viewing, multimedia playback, and SIP video and voice over IP. Java, Python and glibc based applications are supported too.
- Proudly made in India. Every unit is 100 percent designed and manufactured in India, backed by BIS, RoHS and ISO certifications.

  Upgrade your industrial computing with a machine built to keep your operation moving.



# 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** | 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 |
| **Wireless Networking** | Wi-Fi 5 (802.11ac), dual band |

### POWER

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|---|---|
| **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** | 181.5mm × 199.5mm × 72mm |
| **Packing Dimensions** | 340mm × 235mm × 105mm |
| **Housing Material** | Steel base, aluminium cover |
| **Housing Finish** | Powder Coated |
| **Housing Colour** | Black |
| **Net and Gross Weight** | 1.27kg, 1.69kg |

### OPERATING SYSTEM

| | |
|---|---|
| **Operating System** | Thinvent® Thinux™ Embedded Linux |
| **OS Features** | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

# Thinvent Neo H Mini PC

## 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 | | **m256** = 256GB | |
| | **m512** = 512GB | | **m1024** = 1TB | |
| | **m2048** = 2TB | | **S32** = 32GB MLC | |
| | **S128** = 128GB | | **S256** = 256GB | |
| | **m128_S128** = Dual 128GB | | **m128_S32** = 128GB SSD + 32 GB MLC | |
| | **S128_S32** = 128GB SSD + 32 GB MLC | | **S128_S128** = 128GB SSD + 128 GB MLC | |
| | **m32_S32** = 32GB SSD + 32 GB MLC | | **S32_S32** = 32GB MLC SSD + 32 GB MLC | |
| | **h1024** = 1TB HDD | | **n512_h1024** = 512GB NVMe SSD + 1TB HDD | |
| | **n1024_h1024** = 1TB NVMe SSD + 1TB HDD | | | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS | | **W_OS** = Without OS | |
| | **11V** = Windows 11 IoT Value | | **11P** = Windows 11 Pro | |
| | **11O** = Windows 11 Professional | | **Thinux** = Thinux™ 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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