



Thinvent Neo H Mini PC

AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: H-R5_75-16-M256-19_3-M-11V-0



Power through your workday without the wait.

The Thinvent® Neo H Mini PC is built for people who need real computing muscle in a compact steel box. Whether you are running industrial control systems, managing a production line, or powering a busy office workstation, the AMD Ryzen™ 5 7530U processor keeps everything moving quickly and smoothly.

Why choose the Neo H

- It handles demanding applications with ease, so your team spends time working rather than waiting.
- The generous connectivity lineup means you can connect monitors, peripherals, audio equipment, and networking gear without hunting for adapters.
- Solid steel construction with a powder coated finish stands up to the realities of a factory floor, workshop, or industrial cabinet.

- Windows 11 IoT Enterprise LTSC 2024 Value gives you a stable, long term platform that simply keeps running.
- Gigabit Ethernet and dual band WiFi keep you connected to your network and your data.
- It is 100% designed and made in India, so you are supporting local manufacturing with every unit.

The Neo H is the high performance version of our bestselling Neo model and our largest configuration yet. It is an industrial workhorse that fits on a desk, in a kiosk, or inside a control panel, and it is ready to run your operation day after day.

Choose the Neo H Mini PC when you need dependable performance, serious connectivity, and a machine built to last.

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	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	1.27kg, 1.69kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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