



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M512-12_10-M-110-KM



Meet the workhorse that never flinches – the Thinvent Neo H Mini PC.

Some tasks demand more than a basic computer. They demand raw power, steadfast reliability, and the stamina to keep going when the pressure is on. That's exactly what the Neo H delivers. As the high-performance flagship of our celebrated Neo family, this is the machine you choose when every second counts and downtime simply isn't an option.

Unleash serious productivity

This isn't just another mini PC. It's a powerhouse engineered to breeze through demanding industrial control, data processing, and multitasking with effortless ease. Complex applications, multiple programs running at once, and intensive workloads meet their match here. The Neo H responds instantly, keeping your team focused and your operations moving without a hitch.

Built to thrive anywhere

Housed in a solid steel chassis with a tough powder-coated finish, this machine is made to survive. Dust, heat, knocks, and the bumps of a busy workshop floor – it takes them all in its stride. While many computers struggle in harsh environments, the Neo H keeps its cool and keeps on working, day in and day out.

Connect everything you need

From legacy equipment to modern peripherals, the Neo H is a connectivity hero. A generous array of ports – including USB, HDMI, VGA, and gigabit Ethernet – means you can link up displays, controls, and devices without a fuss. It's a versatile hub ready to fit seamlessly into your existing setup.

The pride of Indian engineering

One hundred percent designed and made in India, the Neo H is a mark of quality you can trust. With certification to international standards and a host of thoughtful touches, it represents exceptional value for companies that refuse to compromise.

Choose the Neo H for brilliant, dependable performance – and leave the guesswork behind.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 Amps
Power Input	100~275 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	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-i5_12-[RAM]-[SSD]-12_10-[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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