



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

2TB SSD

No WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-I5_12L-16_16-M2048-12_7-X-11O-KM



Power through your toughest workflows without breaking a sweat.

Meet the Neo H – the high-performance powerhouse of our bestselling Neo family, built for the jobs that demand more. When your operations depend on split-second decisions and relentless uptime, this is the industrial workhorse you want on your side.

Think of it as the command centre for your most critical applications. Whether you're running factory-floor control systems, managing data at the edge, or driving automation that never sleeps, the Neo H delivers the responsive, dependable performance to keep everything moving smoothly. No fuss, no lag – just consistent, solid output.

Connectivity is where this machine truly shines. With dual Gigabit Ethernet ports on board, you can link two networks, segment traffic, or build a simple failover setup – all without extra hardware. It's ready to plug straight into your industrial ecosystem, whether you're monitoring equipment, handling point-of-sale systems, or managing a busy workshop. And with a full set of ports for displays, audio, and high-speed USB, you won't be left hunting for adapters.

Built to endure, the Neo H is housed in a solid, powder-coated steel chassis that shrugs off the knocks and bumps of daily use. It's our largest and most robust Neo model, engineered for environments where ordinary office PCs would soon cry for help. Plus, it's 100% designed and made in India, so you're investing in dependable craftsmanship you can trust.

With Windows 11 Professional pre-installed and a quality keyboard and mouse in the box, the Neo H is ready to work from the moment it arrives. For reliable, high-performance computing that takes the rough with the smooth, make the Neo H your foundation.



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	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	7 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_12l-[RAM]-[SSD]-12_7-[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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