



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Professional

SKU: H-I5_12L-16-M2048-12_7-X-11O-0



Powerhouse performance, built for the long haul.

Meet the Thinvent® Neo H Mini PC – the high-performance flagship of our bestselling Neo family. If you need serious computing muscle in a compact, dependable form, this is your machine. It is the largest and most powerful Neo we make, engineered to handle demanding industrial environments without breaking a sweat.

Why it works for you

- Delivers responsive, multi-tasking performance that keeps your operations flowing smoothly, even when workloads get heavy
- Purpose-built for industrial control, automation and similar always-on applications where downtime is not an option
- Genuinely tough, with a solid steel, powder-coated chassis that shrugs off the knocks, vibrations and grime of a factory floor
- Designed and made entirely in India, so you can trust in quality craftsmanship and dependable after-sales support

Connectivity that keeps things moving



- Dual network ports mean you can link multiple systems, connect to secure networks, or set up reliable data transfer without extra hardware
- A full range of ports and video outputs lets you hook up legacy equipment and modern displays alike, with no fuss
- Runs on Windows 11 Professional, giving you familiar tools, robust security and seamless integration into your existing setup

The quiet workhorse your business can rely on

- Stable, efficient operation that keeps running through long shifts, dust and heat
- Space-saving design that fits neatly into control cabinets, workbenches or tight corners
- Backed by certifications for safety and reliability, so you can install it with confidence

When you need a computer that just keeps working, the Neo H delivers. It's not just a PC – it's the dependable partner your operation deserves.

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	16 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	1.82kg, 2.24kg

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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