



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Professional

SKU: H-I5_12L-8-S256-12_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	8 GB
SSD Storage	256 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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