



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)

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_12L-16_16-M512-12_7-X-U-KM



Engineered for Endurance: The Industrial Workhorse, Made in India.

Introducing the Neo H Mini PC, our high-performance powerhouse. This isn't just another computer; it's a robust, reliable partner built from the ground up for demanding industrial environments. Crafted with a solid steel chassis, it's designed to withstand the rigours of the factory floor and deliver unwavering performance where it matters most.

Why the Neo H is Your Next Critical System

- Uncompromising Reliability: Built tough in India with a rugged, powder-coated steel enclosure, it offers superior durability for 24/7 operation in challenging conditions.
- Effortless Industrial Integration: Featuring dual Ethernet ports and a wealth of connectivity, it seamlessly connects to PLCs, HMIs, and legacy machinery for complete control.

- Pure Processing Power: Harness the robust performance of a high-core-count Intel processor to run multiple control applications, data logging, and visualisation tasks smoothly and without lag.
- Simplified and Secure Operation: Arrives ready-to-run with a stable Ubuntu Linux OS and includes a keyboard & mouse set, offering a secure, bloat-free foundation for your specialised software.

Ideal for Industrial Control & Automation

Deploy the Neo H as the dependable brain behind machine automation, production line monitoring, or digital signage networks. It's the robust, high-performance solution for engineers and system integrators who value durability, seamless connectivity, and trusted, locally-engineered quality. Choose the workhorse built to last.



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
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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	Ubuntu Linux 24.04 LTS
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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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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