



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

Without OS

Thinvent Keyboard and Mouse set

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



The industrial workhorse, redefined. Meet the Thinvent® Neo H Mini PC, where formidable power meets unwavering reliability in a compact, all-steel frame. Built for the most demanding environments, it delivers the robust performance you need to keep critical operations running smoothly.

The powerhouse within

Harness the exceptional capability of a high-performance Intel® processor, engineered to effortlessly manage complex industrial control tasks and multi-threaded applications. This is raw computational strength in a resilient package.

Built to endure

- Encased in a solid steel housing with a powder-coated finish for superior protection against dust, vibrations, and the rigours of the factory floor.
- Operates reliably across a wide range of temperatures, ensuring consistent performance where it matters most.
- 100% designed and made in India, supporting local industry with globally benchmarked quality.

Connectivity at its core

- Dual Gigabit Ethernet ports provide network redundancy and high-speed data transfer for seamless machine-to-machine communication.
- A comprehensive selection of legacy and modern ports offers ultimate flexibility for connecting to a vast array of industrial peripherals and displays.

Why choose the Neo H?

Forget complex IT setups. This is a dedicated, powerful computing core for industrial automation, digital signage, and control systems. Its robust, fanless design minimises maintenance, while its premium components guarantee longevity. Choose the Neo H for a steadfast partner that boosts productivity without compromise.



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	Without OS
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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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