



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 (2 x 8GB)

1TB SSD

No WiFi

Without OS

SKU: H-I5_12L-8_8-M1024-12_7-X-W_OS-0



Unleash Industrial Reliability with Uncompromising Power.

Meet the Neo H Mini PC: the high-performance evolution of our bestselling Neo series, engineered as the ultimate industrial workhorse. Built entirely in India with a rugged, solid steel chassis, it delivers formidable processing muscle for the most demanding control environments.

Engineered for Endurance

- Thrives in challenging industrial settings with a robust, powder-coated steel build that stands up to rigorous daily use.
- Provides exceptional reliability for critical operations, from production line control to complex automation tasks.
- Offers versatile connectivity with dual LAN ports and legacy support, ensuring seamless integration into existing industrial systems.

Your Command Centre for Industry

- Powers through multi-threaded applications and data-heavy processes with smooth, responsive performance.
- Delivers steadfast operation for industrial PCs, digital signage, and machine control, where downtime is not an option.
- Serves as a dedicated, stable backbone for your specialised software, free from the bloat of a pre-installed operating system.

Choose the Neo H for a powerhouse computing foundation that is built to last and perform. It's more than a mini PC; it's a steadfast partner for your industrial vision.



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	1024 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	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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