



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

No WiFi

Windows 11 Pro

SKU: H-I5_12-8_8-M1024-12_7-X-11P-0



Thinvent® Neo H: Your Command Center for Industrial Excellence.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. This industrial workhorse, 100% designed and made in India, is engineered for demanding environments like industrial control and similar critical applications. Its solid steel construction with a sleek black powder coating ensures robust durability, measuring a compact 210mm x 202mm x 80mm.

Experience Unparalleled Processing Power

- Driven by the Intel® Core™ i5-1250P processor featuring 12 cores and turbo frequencies up to 4.4 GHz, backed by a generous 12 MB cache, for seamless handling of complex operations.
- Fast 4GB DDR4 RAM facilitates efficient multitasking and smooth application execution.
- A lightning-fast 512GB SSD ensures rapid boot-ups and instant application loading, boosting your productivity.

Robust Connectivity and Reliability

- Pre-installed with Microsoft Windows 11 Pro, offering enterprise-grade security and advanced productivity features.
- Extensive connectivity options include 2 USB 3.2 ports, 2 USB 2.0 ports, HDMI and VGA outputs for versatile dual display setups, a dedicated 1000 Mbps Ethernet port for rock-solid wired networking, plus Speaker Out and Mic In.
- Designed for continuous, stable operation in industrial conditions (0°C ~ 40°C), powered by a robust 12V 7A adapter.

Certified Quality and Heritage

- Trust in quality with BIS, RoHS, and ISO certifications.
- Built with a steel housing and a durable powder coating finish in black, ensuring longevity.



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
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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 Pro
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Ordering Information

PRODUCT CODE

H-i5_12-[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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