



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_12-32_32-M512-12_5-M-U-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built to last, this compact powerhouse delivers exceptional processing power and unwavering reliability.

Key Performance Highlights

- Experience seamless multitasking with the Intel® Core™ i5-1250P processor featuring 12 cores, reaching speeds up to 4.4 GHz with a 12 MB cache.
- While 4GB DDR4 RAM is standard, the Neo H is designed for scalability in demanding environments.
- Boot up and access your applications instantly with the 32GB MLC SSD.

Unrivalled Connectivity and Robust Design

- Connect all your essential peripherals with 2x USB 3.2 and 2x USB 2.0 ports.
- Drive multiple displays effortlessly with 1x HDMI and 1x VGA output.

- Enjoy a stable wired connection with the 1000 Mbps Ethernet port.
- Stay connected with Dual Band Wi-Fi 5 (802.11ac).
- This industrial workhorse boasts a solid steel housing with a durable black powder coating, measuring 210mm x 202mm x 80mm.

Ready for Business

- Comes pre-loaded with the stable and secure Ubuntu Linux 24.04 LTS.
- Includes a Thinvent® Keyboard and Mouse set to get you started immediately.
- Powering your operations is a 12V 7A adapter, with wide AC input (100~275 Volts AC).
- Designed for resilience with an operating temperature range of 0°C to 40°C.

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and beyond.



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	64 GB
SSD Storage	512 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	2.24kg, 2.66kg

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_12-[RAM]-[SSD]-12_10-[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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