



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M1024-12_7-X-W_OS-KM



Unleash Unrivalled Performance: The Thinvent® Neo H Mini PC

Experience the pinnacle of compact computing with the Thinvent® Neo H Mini PC. Engineered as the high-performance evolution of our bestselling Neo model, this industrial powerhouse is designed for demanding tasks and built to last. Its robust steel chassis, finished in sleek black, houses a formidable Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz with a 12 MB cache. Paired with a massive 32 GB of DDR4 RAM, multitasking and complex computations are handled with effortless grace.

Storage is never a bottleneck with a lightning-fast 1 TB SSD, ensuring rapid boot times and quick access to your critical data. This is not just a PC; it's an industrial workhorse, ideal for industrial control and similar applications where reliability and performance are paramount. Its extensive connectivity options, including HDMI, VGA, a dedicated 1000 Mbps Ethernet port, and multiple USB ports, make integration seamless.

The Neo H comes complete with a Thinvent® Keyboard and Mouse set, ready for immediate deployment. Designed and manufactured in India, this PC is a testament to local engineering excellence.

Key Specifications

- Processor: Intel® Core™ i5-1250P
- Cores: 12
- Max Frequency: 4.4 GHz
- Cache: 12 MB
- Main Memory: 32 GB DDR4 RAM
- SSD Storage: 1 TB
- Connectivity: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Power: 12V 7A Adapter (100~275 Volts AC input)
- Build: Solid Steel Housing, Black Power Coating
- Included: Thinvent® Keyboard and Mouse
- Operating System: Without OS
- Dimensions: 210mm × 202mm × 80mm
- Designed and Made in India: Yes



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	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	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_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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