



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I5_12-4-M256-12_5-M-DOS-KM



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

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications, offering exceptional speed and robust connectivity.

Uncompromising Performance

- Powered by the Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz with a 12 MB cache, experience unparalleled multitasking and responsiveness for your critical operations.
- A generous 8GB DDR4 RAM ensures smooth execution of complex tasks, while the rapid 256GB SSD provides swift boot times and rapid data access.

Versatile Connectivity

- Connect to a wide array of displays with 1 HDMI and 1 VGA port.
- Easily integrate audio devices with dedicated Speaker Out and Mic In.
- Benefit from high-speed data transfer with 2 USB 3.2 ports and 2 USB 2.0 ports.
- Experience reliable network performance with a 1000 Mbps Ethernet port.

- Stay connected wirelessly with Dual Band Wi-Fi 5 (802.11ac).

Built for the Toughest Environments

- Housed in a robust black steel chassis with a durable power coating, this Mini PC is built to last.
- Operates reliably in temperatures from 0°C to 40°C and humidity levels of 20% to 80% RH (non-condensing).
- Compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained industrial settings.

Complete Solution

- Includes a Thinvent® Keyboard and Mouse set to get you started immediately.
- Comes with FreeDOS, offering flexibility for your preferred operating system.
- Powered by a 12V 7A adapter with wide AC input compatibility (100~275 Volts AC).

Designed and Made in India

- This product embodies Indian engineering excellence, with 100% design and manufacturing originating in India.
- Certified for BIS, RoHS, and ISO, ensuring quality and compliance.



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	4 GB
SSD Storage	256 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	FreeDOS
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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

Thinix = Thinix™ 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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