



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)

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I5_12-8-8-M512-12_5-X-11V-KM



Unleash Industrial Power with the Thinvent® Neo H Mini PC

Experience unparalleled performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact yet mighty machine is built to tackle demanding applications with its robust configuration.

Key Specifications

- Processor: Intel® Core™ i5-1250P with 12 cores, reaching up to 4.4 GHz and 12 MB cache, delivering exceptional processing speed for complex tasks.
- Memory: A massive 64GB DDR4 RAM ensures seamless multitasking and rapid data access.
- Storage: A swift 1TB SSD provides ample space and lightning-fast load times.
- Connectivity: A comprehensive array of ports including 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 2 USB 3.2, 2 USB 2.0, and a 1000 Mbps Ethernet port offers versatile connectivity for all your peripherals and networking needs.
- Robust Build: Crafted with a solid steel housing and finished with a durable black powder coating, this PC is built to withstand industrial environments.

- Power: Includes a 12V 7A adapter with wide AC input compatibility (100~275 Volts AC, 50~60 Hz) and a 2-meter cable for flexible placement.
- Enhanced Security and Stability: Comes with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for industrial control and specialized applications.
- Designed and Made in India: Proudly 100% designed and manufactured in India, ensuring quality and supporting local innovation.
- Included Peripherals: A Thinvent® Keyboard and Mouse set is provided, ensuring you're ready to work right out of the box.

Dimensions: 210mm × 202mm × 80mm. Operating Temperature: 0°C ~ 40°C. Operating Humidity: 20% ~ 80% RH, non-condensing. Certifications: BIS, RoHS, ISO.

The Thinvent® Neo H Mini PC is your ultimate solution for industrial control, automation, and any application demanding unwavering performance and a dependable build.



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	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
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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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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