



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)

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M512-12_5-M-11V-KM



Unleash Industrial Power with the Thinvent® Neo H Mini PC

Experience the pinnacle of 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 powerhouse boasts a formidable Intel® Core™ i5-1250P processor, featuring 12 cores that reach up to 4.4 GHz, complemented by a substantial 12 MB cache for seamless multitasking. With 32GB of lightning-fast DDR4 RAM and a rapid 512GB SSD, boot times and application loading are virtually eliminated, ensuring smooth operation even under demanding industrial control scenarios.

Key Features and Connectivity

- Robust Performance: 12 Core Intel® Core™ i5-1250P CPU, up to 4.4 GHz, 12 MB Cache, 32GB DDR4 RAM, 512GB SSD
- Versatile Display Options: 1 HDMI, 1 VGA
- Comprehensive Audio: 1 Speaker Out, 1 Mic In

- Ample Connectivity: 2 USB 3.2, 2 USB 2.0, 1000 Mbps Ethernet
- Reliable Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Built for Industry: Durable steel housing with a sleek black powder coating.
- Complete Solution: Includes a Thinvent® Keyboard and Mouse set.
- Intelligent Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, optimized for industrial environments.

Designed and made in India, the Thinvent® Neo H Mini PC is more than just a computer; it's a commitment to enduring quality and cutting-edge technology. Its robust steel construction ensures durability in harsh environments, while its extensive connectivity options make it the ideal choice for industrial control, automation, and other mission-critical applications. Elevate your operations with a Mini PC that's built to perform, built to last.



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	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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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