



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

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M512-12_7-X-U-KM



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

Experience peak performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this compact yet robust powerhouse delivers exceptional processing capabilities to drive your operations.

Key Performance Highlights

- Driven by an Intel® Core™ i5-1250P processor, featuring 12 cores that burst up to 4.4 GHz, all supported by a 12 MB cache for rapid data access.
- Comes equipped with 16GB of DDR4 RAM, ensuring smooth multitasking and efficient handling of complex workloads.
- Boasts a speedy 32GB MLC SSD for quick boot times and rapid application loading.

Connectivity & Versatility

- Multiple display options with 1 HDMI and 1 VGA port for seamless integration with existing setups.
- A comprehensive array of ports includes 2 USB 3.2, 2 USB 2.0, a 1000 Mbps Ethernet port, Speaker Out, and Mic In for all your peripheral needs.
- Powered by a reliable 12V 7A adapter, with universal 100~275 Volts AC input for global compatibility.

Built for Durability

- Housed in a robust black steel casing with a durable powder coating, this Mini PC is designed to withstand harsh environments.
- Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained industrial settings.
- Proudly 100% designed and made in India, adhering to BIS, RoHS, and ISO certifications.

Effortless Operation

- Comes pre-installed with Ubuntu Linux 24.04 LTS, offering a stable and flexible open-source operating system.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.

Specifications

- Processor: Intel® Core™ i5-1250P (12 Core, up to 4.4 GHz, 12 MB Cache)
- RAM: 16GB DDR4
- Storage: 32GB MLC SSD
- Adapter: 12V 7A, 2 Metre Cable
- Operating System: Ubuntu Linux 24.04 LTS
- Housing: Steel, Black Powder Coating
- Included Peripherals: Thinvent® Keyboard and Mouse

Invest in reliability and performance with the Thinvent® Neo H Mini PC.





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
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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	Ubuntu Linux 24.04 LTS
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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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