



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_13-4-S256-12_5-M-U-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this robust machine is 100% designed and made in India, boasting a solid steel build for unparalleled durability.

Performance Powerhouse

- Powered by an Intel® Core™ i5-1335U processor featuring 10 cores that reach up to 4.6 GHz with a 12 MB cache, ensuring seamless multitasking and rapid processing for demanding applications.
- Dominate your workflow with a massive 64GB of DDR4 RAM, allowing for effortless handling of complex datasets and multiple simultaneous operations.
- Swiftly access your data and boot up in seconds with the 128GB SSD.

Versatile Connectivity

- Connect to any display with HDMI and VGA outputs.
- Expand your audio setup with dedicated Speaker Out and Mic In ports.

- Enjoy high-speed peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Experience lightning-fast network speeds with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

Built for the Toughest Environments

- Housed in a durable black steel chassis with a powder coating finish.
- Operates reliably in temperatures from 0°C to 40°C with 20% ~ 80% RH humidity tolerance.
- Comes complete with a Thinvent® keyboard and mouse set.

Ready for Action

- Ships with the stable and secure Ubuntu Linux 24.04 LTS operating system.
- Includes a 12V 7A adapter for reliable power delivery.
- Certified for BIS, RoHS, and ISO standards, guaranteeing quality and compliance.

Compact and Capable

- Dimensions: 210mm × 202mm × 80mm – a space-saving solution for any industrial setting.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 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	2.14kg, 2.56kg

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_13-[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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