



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_13-16_16-M512-12_7-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 x 202mm x 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	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	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	2.23kg, 2.65kg

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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