



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM (2 x 32GB)

512GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: H-I5_13-32_32-M512-12_5-M-U-0



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

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. As our largest and most powerful model, this industrial workhorse is 100% designed and made in India, engineered for demanding industrial control and similar applications.

Experience Unmatched Performance

- Drive complex tasks with the blazing-fast Intel® Core™ i5-1335U processor, featuring 10 cores and speeds up to 4.6 GHz for unparalleled multitasking and efficiency.
- Enjoy lightning-fast responsiveness and data access with 8GB DDR4 RAM and a massive 1TB SSD, providing ample storage and quick boot times.

Robust Connectivity & Reliability

- Connect all your essential peripherals with ease via two USB 3.2 and two USB 2.0 ports.
- Utilize versatile display options through HDMI and VGA outputs.

- Maintain seamless network integration with Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac) for stable wireless communication.
- Housed in a solid, powder-coated black steel chassis, this unit is built for durability, enduring operating temperatures from 0°C to 40°C and 20% to 80% RH non-condensing humidity.
- Power input: 100~275 Volts AC, 50~60 Hz, ensuring broad compatibility with its 2-metre cable.
- Certified with BIS, RoHS, and ISO standards for assured quality.

Operating System

- Comes pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing environment.

The Thinvent Neo H Mini PC combines raw power, extensive connectivity, and robust Indian engineering into a compact, reliable solution for your most critical operations.

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	64 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	1.62kg, 2.04kg

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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