



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_13-16_16-M1024-12_7-M-U-KM



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

Experience the ultimate in compact computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this powerhouse combines robust design with cutting-edge technology, all proudly 100% designed and made in India.

Powered by an Intel® Core™ i3-1315U processor, featuring 6 cores that reach up to 4.5 GHz with a 10 MB cache, the Neo H delivers exceptional processing capability for complex tasks and real-time control. The 4GB DDR4 RAM ensures smooth multitasking, while the 32GB MLC SSD provides fast, reliable storage for your critical data.

Connectivity is paramount with the Neo H. Boasting a wide array of ports, including 1 HDMI, 1 VGA, 2 USB 3.2, and 2 USB 2.0, along with a 1000 Mbps Ethernet port, this Mini PC ensures seamless integration into any industrial setup. Its dual-band Wi-Fi (802.11ac) offers versatile wireless networking.

Built for endurance, the Neo H features a solid steel housing with a durable black powder coating, designed to withstand harsh environments. It comes complete with a Thinvent® Keyboard and Mouse set and runs on Ubuntu Linux 24.04 LTS, offering a stable and secure operating system.

Key Specifications

- Processor: Intel® Core™ i3-1315U (6 Cores, up to 4.5 GHz, 10 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 32 GB MLC SSD
- Connectivity: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet, Dual Band Wi-Fi 5
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Ubuntu Linux 24.04 LTS
- Build: Solid Steel Housing, Black Powder Coating
- Dimensions: 210mm × 202mm × 80mm

The Thinvent® Neo H Mini PC: your reliable partner for industrial innovation.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	1024 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	2.24kg, 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-i3_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

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

