



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-I3_13-8_8-M256-12_5-X-11V-KM



Unleash Industrial Power with Thinvent® Neo H Mini PC: Your All-in-One Solution.

Discover the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, the Thinvent® Neo H Mini PC is a robust workhorse designed for reliability and versatility. Experience seamless multitasking and efficient operation powered by the Intel® Core™ i3-1315U processor, boasting 6 cores that reach up to 4.5 GHz with 10 MB cache. This formidable CPU, paired with 8GB of DDR4 RAM, ensures smooth performance even under heavy loads.

Ample storage is delivered through a rapid 512GB SSD, providing fast boot times and quick access to your critical data. Connect to a wide array of peripherals and displays with its comprehensive connectivity options, including 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 2 USB 3.2 ports, 2 USB 2.0 ports, and a robust 1000 Mbps Ethernet connection.

Built to endure, the Neo H Mini PC features a solid black steel housing with a durable powder coating, measuring a compact 210mm × 202mm × 80mm. This 100% designed and made in India powerhouse comes complete with a Thinvent® Keyboard and Mouse set and Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering a secure and stable operating environment for industrial control and similar applications.

Key Specifications

- Processor: Intel® Core™ i3-1315U (6 Cores, up to 4.5 GHz, 10 MB Cache)
- Memory: 8GB DDR4 RAM
- Storage: 512GB SSD
- Connectivity: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Power: 12V 7A Adapter (100~275V AC input)
- Operating System: Windows 11 IoT Enterprise LTSC 2024 Value
- Build: Solid Steel, Powder Coated Black
- Included: Keyboard and Mouse set
- Origin: 100% Designed and Made in India.



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	16 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
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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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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

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