



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 IoT Value

SKU: H-I5_13-8_8-M512-12_7-X-11V-0



Thinvent® Neo H Mini PC: Unyielding Power, Unrivalled Reliability for Industrial Command.

Meet the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line, engineered as a true industrial workhorse. This is our largest, most powerful Mini PC, proudly 100% designed and made in India, built to dominate industrial control and demanding applications.

Unleash extreme processing power

- Driven by an Intel® Core™ i5-1335U processor with 10 cores, reaching up to 4.6 GHz, backed by 12 MB cache for blazing-fast computations.
- Experience seamless multitasking and handle complex software effortlessly with a colossal 64GB DDR4 RAM.
- Benefit from rapid boot-ups and quick data access with the robust 128GB SSD.

Engineered for the toughest environments

- Housed in a solid steel chassis with a durable power coating in sleek black, ensuring industrial-grade longevity.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

- Operates reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).

Comprehensive connectivity for total control

- Equipped with a high-speed 1000 Mbps Ethernet port for ultra-stable wired networking, essential for secure industrial operations.
- Expand your setup with versatile I/O: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, Speaker Out, and Mic In.
- Powered by a robust 12V 7A adapter with wide AC input (100~275V, 50~60 Hz) for global operational flexibility.

Optimized for dedicated performance

- Runs Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, providing a secure, streamlined, and dedicated environment for your specific industrial applications.

Physical Specifications

- Dimensions: 210mm x 202mm x 80mm
- Cable Length: 2 Metre

This compact powerhouse is your ultimate solution for mission-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	16 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
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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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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

www.thinvent.in

sales@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

