



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)

2TB SSD

No WiFi

Without OS

SKU: H-I5_13-8_8-M2048-12_5-X-W_OS-0



Unleash unyielding performance for the most demanding industrial environments.

Introducing the Thinvent® Neo H Mini PC, Intel® Core™ i5-1335U processor (10 core, up to 4.6 GHz, 12 MB cache), 4GB DDR4 RAM, 32GB MLC SSD, 12V 7A Adapter, No WiFi, Without OS – the high-performance evolution of our bestselling Neo series. This robust, 100% designed and made in India system is engineered as an industrial workhorse, perfect for control and similar critical applications.

Unrivalled Performance

- Experience blazing-fast processing with the Intel® Core™ i5-1335U processor, featuring 10 cores clocking up to 4.6 GHz and a substantial 12 MB cache.
- Coupled with 4GB DDR4 RAM and a durable 32GB MLC SSD, the Neo H ensures swift, reliable operation for your most intensive tasks.

Industrial Strength and Durability

- Built with a solid steel chassis (210mm × 202mm × 80mm) in a sleek black powder-coated finish, this Mini PC is designed to withstand harsh conditions.

- Operate confidently in temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

Comprehensive Connectivity

- 1 HDMI port
- 1 VGA port
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- 1000 Mbps Ethernet for critical wired network links
- 1 Speaker Out
- 1 Mic In

Power and Flexibility

- The Neo H is powered by a reliable 12V 7A adapter, with a 2-metre cable, accepting a wide 100~275V AC input.
- Shipped without an operating system and no WiFi, it offers ultimate flexibility for custom software deployments and secure wired setups, making it the ideal foundation for specialized industrial solutions.



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	2048 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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Without OS
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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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded 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

