



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)

1TB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5_13-32_32-M1024-12_7-M-11P-1S



Unleash industrial power in a compact form.

Introducing the Thinvent® Neo H Mini PC: the High Performance evolution of our bestselling Neo model. This industrial workhorse, 100% designed and made in India, combines robust power with unparalleled connectivity, perfect for demanding industrial control and similar applications.

Performance & Power

Experience blazing speed and seamless multitasking with the Intel® Core™ i5-1335U processor.

- Cores: 10
- Max Frequency: 4.6 GHz
- Cache: 12 MB

Equipped with 8GB DDR4 RAM and a robust 32GB MLC SSD, this Mini PC is built for efficiency and reliability, running Windows 11 Pro to keep you productive.

Unrivalled Connectivity

Connect to virtually anything with a host of ports, making it an ideal central hub for your operations.

- Video Outputs: 1 HDMI, 1 VGA
- USB Ports: 2 USB 3.2, 2 USB 2.0
- Network: Gigabit Ethernet (1000 Mbps), Dual Band Wi-Fi 5 (802.11ac)
- Audio: Speaker Out, Mic In
- Critical Industrial Port: 1 DB9 male RS232 Serial Port

Industrial Durability & Design

Housed in solid, powder-coated black steel (210mm × 202mm × 80mm), the Neo H thrives in challenging environments.

- Operating Temperature: 0°C ~ 40°C
- Operating Humidity: 20% ~ 80% RH, non condensing

Powered by a 12V 7A adapter with a 2 Metre cable, it's certified for quality and safety.

- Certifications: BIS, RoHS, ISO

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	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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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