



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 IoT Value

DB9 Serial

SKU: H-I5_13-4-M1024-12_5-M-11V-1S



Thinvent® Neo H: Industrial Powerhouse, Compact Brilliance

Unleash unrivaled performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our best-selling Neo series. This robust, industrial workhorse, proudly 100% designed and made in India, is engineered for the most demanding environments.

Core Performance

- Powered by the Intel® Core™ i5-1335U processor: 10 cores, up to 4.6 GHz, 12 MB cache
- 8GB DDR4 RAM for smooth multitasking
- Lightning-fast 128GB SSD for rapid boot-up and application loading

Built for Industry

- Solid steel housing with durable powder coating for extreme resilience
- Critical DB9 male RS232 serial port for industrial control and specialized applications
- Dual-band Wi-Fi 5 (802.11ac) and 1000 Mbps Ethernet for reliable networking

- Wide operating temperature: 0°C ~ 40°C
- Certifications: BIS, RoHS, ISO for guaranteed quality and safety
- Compact dimensions: 210mm × 202mm × 80mm

Comprehensive Connectivity

- USB 3.2 ports: 2
- USB 2.0 ports: 2
- Video outputs: 1 HDMI, 1 VGA
- Audio ports: Speaker Out, Mic In

Operating System

- Microsoft Windows 11 IoT Enterprise LTSC 2024 Value for stable, long-term industrial deployments

This powerful Mini PC is your ultimate solution for industrial automation, specialized kiosks, and critical control systems, delivering unmatched reliability and performance.

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	4 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	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	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

Thinix = Thinix™ 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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