



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

Dual Band WiFi

Windows 11 Pro

SKU: H-I5_13-8_8-M2048-12_7-M-11P-0



Experience unwavering performance, built for demanding tasks.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this device packs unparalleled power into a compact footprint, making it ideal for industrial control and similar rigorous applications. Our largest product in the Neo series, it boasts powerful CPU and RAM configurations designed for the toughest jobs.

Unrivalled Power

- Driven by the Intel® Core™ i5-1335U processor, featuring 10 cores, a blistering 4.6 GHz max frequency, and a 12 MB cache for seamless multitasking and rapid processing.
- Effortlessly handle complex operations with 8GB DDR4 RAM.
- Experience lightning-fast boot-ups and responsive data access with a 128GB SSD.

Robust Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a reliable 1000 Mbps Gigabit Ethernet port.

- Versatile display options with 1 HDMI and 1 VGA output.
- Ample peripheral support with 2 USB 3.2 and 2 USB 2.0 ports, plus dedicated speaker out and mic in.

Built for Endurance

- Housed in solid steel with a durable powder coating, this black mini PC (210mm × 202mm × 80mm) is designed to last.
- Operates reliably from 0°C to 40°C and 20% to 80% RH (non-condensing), powered by a stable 12V 7A adapter.
- Certified with BIS, RoHS, and ISO, ensuring quality and compliance.
- Comes pre-installed with Microsoft Windows 11 Pro, providing a secure and professional environment.

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC is your reliable partner 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	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
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

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

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