



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinux Embedded Linux

SKU: H-I5_13-16-M2048-12_5-M-
THINUX-0



Thinvent Neo H: Industrial Power, Compact Design, Made in India.

Unleash uncompromised performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse is 100% designed and made in India, crafted for demanding applications from industrial control to data acquisition, and our largest product with powerful CPU and RAM configurations.

Unrivalled Performance

- An Intel® Core™ i5-1335U processor (10 core, up to 4.6 GHz, 12 MB cache) for rapid processing.
- A substantial 32GB DDR4 RAM for seamless multitasking.
- A fast 128GB SSD ensures quick boot times and application responsiveness.

Industrial-Grade Durability

- Its solid steel housing with a durable powder coating in black ensures longevity in challenging environments.
- Operational from 0°C to 40°C and 20% ~ 80% RH (non-condensing), it's designed to perform where others falter.
- Certified with BIS, RoHS, and ISO for quality and compliance.

Comprehensive Connectivity

- A host of connectivity options including HDMI, VGA, 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac).
- Equipped with Mic In and Speaker Out for audio needs.
- Powered by a reliable 12V 7A adapter with a 2-metre cable.

Intelligent OS, Seamless Control

- Experience enhanced security and efficiency with Thinvent® Thinux™ Embedded Linux.
- Built-in Chromium and Mozilla Firefox browsers.
- Advanced remote management with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, VNC shadowing, and browser-based control.
- Robust application support with Java, Python, and glibc.
- Includes LibreOffice, PDF viewer, multimedia player with MPEG4 support, and SIP video/voice over IP for versatile utility.

The Thinvent Neo H Mini PC combines raw power, robust construction, and intelligent software to deliver a reliable, high-performance solution for your most 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	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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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