



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

No WiFi

Thinux Embedded Linux

SKU: H-I5_13-16_16-M128-12_7-X-
THINUX-0



Unmatched Power in a Robust Form: The Thinvent® Neo H Mini PC.

Experience the pinnacle of industrial computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This is our largest, most powerful offering, engineered to be an indispensable industrial workhorse. Proudly 100% designed and made in India, its solid steel construction ensures unparalleled durability in demanding environments.

Performance That Drives Productivity

- At its core, an Intel® Core™ i5-1335U processor boasts 10 cores, a blazing 4.6 GHz max frequency, and a 12 MB cache, delivering exceptional processing power for complex tasks.
- Paired with 4GB DDR4 RAM and a rapid 32GB MLC SSD, expect swift boot-ups, seamless multitasking, and reliable data access.

Advanced Operating System & Management

- Powered by Thinvent® Thinux™ Embedded Linux, this system offers a secure, stable, and feature-rich platform.

- Enjoy robust remote management capabilities with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based remote management, and VNC shadowing, ensuring easy control from anywhere.
- Support for Java, Python, and glibc-based applications, alongside Chromium, Firefox, LibreOffice, and multimedia playback, provides extensive functionality for industrial control and diverse applications.

Comprehensive Connectivity & Durability

- A host of connectivity options includes 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, HDMI, VGA, Speaker Out, and Mic In, ready for any peripheral or dual-display setup.
- Its black, power-coated steel housing (210mm × 202mm × 80mm) is built to withstand rigorous industrial conditions.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

The Neo H Mini PC is specifically designed for industrial control and similar high-demand applications, providing reliable performance and extensive features in a compact, rugged package.



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	32 GB
SSD Storage	128 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	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	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

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

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

