



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_13-16_16-M512-12_5-M-
THINUX-KM



Unleash Industrial Power: The Thinvent® Neo H Mini PC

Experience the pinnacle of performance and reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this robust machine is your ultimate workhorse, proudly 100% designed and made in India.

Processor Powerhouse

- At its core, the Intel® Core™ i3-1315U processor boasts 6 cores that reach up to 4.5 GHz, complemented by a 10 MB cache, ensuring seamless multitasking and rapid processing for your critical operations.

Memory and Storage

- With 16 GB of DDR4 RAM, experience fluid performance even with resource-intensive applications.
- A speedy 256 GB SSD provides ample storage and lightning-fast boot and load times.

Extensive Connectivity

- Connect effortlessly with 1x HDMI, 1x VGA, 2x USB 3.2, and 2x USB 2.0 ports.
- Integrated 1000 Mbps Ethernet and dual-band Wi-Fi ensure stable network connections.
- Audio and microphone jacks, along with a speaker out, complete the audio setup.

Built for Durability

- The rugged steel housing with a black powder-coated finish is built to withstand harsh environments.
- Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained industrial settings.

Intelligent Operating System

- Powered by Thinvent® Thinux™ Embedded Linux, this Mini PC offers a secure and efficient platform.
- Enjoy essential tools like Chromium and Mozilla Firefox browsers, robust remote access capabilities (RDP 10, Putty, SSH, VNC), Java and Python support, LibreOffice, a PDF viewer, and multimedia playback.
- Integrated SIP for video and voice over IP.

Complete Solution

- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Comes with a 12V 7A adapter and a 2-meter power cable.
- Operates reliably in temperatures from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO for quality assurance.

Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	512 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	2.14kg, 2.56kg

ACCESSORIES

Keyboard and Mouse	1
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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-i3_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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