



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

1TB SSD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_13-32_32-M1024-12_5-X-
THINUX-KM



Thinvent® Neo H Mini PC: Power Your Industrial Ambitions.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this is our largest product yet, boasting a powerful Intel® Core™ i3-1315U processor with 6 cores reaching up to 4.5 GHz and 10 MB of cache, paired with 8GB DDR4 RAM for exceptional multitasking. Experience lightning-fast performance with a massive 1TB SSD, ensuring ample space for all your critical applications and data.

This Mini PC is a connectivity powerhouse, designed for industrial control and demanding applications. It features

- 1 HDMI and 1 VGA port for versatile display options.
- 1 Speaker Out and 1 Mic In for integrated audio.
- 2 USB 3.2 and 2 USB 2.0 ports for extensive peripheral support.
- A robust 1000 Mbps Ethernet port for stable, high-speed networking.

Running on Thinvent® Thinux™ Embedded Linux, the Neo H offers a secure and efficient operating system with pre-installed Chromium and Mozilla Firefox browsers for web-based tasks. Remote access is seamless with RDP 10, Putty, and SSH, complemented by browser-based remote management and VNC shadowing. Develop and run applications with support for Java, Python, and glibc, and enjoy full office productivity with LibreOffice and a PDF viewer. Its multimedia player with MPEG4 support and SIP for video and voice over IP make it a comprehensive solution.

Built for durability and reliability, the Neo H features a solid steel housing with a sleek black powder coating, measuring 210mm x 202mm x 80mm. It operates reliably in temperatures from 0°C to 40°C and humidity up to 80% RH. The package includes a Thinvent® Keyboard and Mouse set and a 12V 7A adapter with a 2-meter cable, compatible with 100~275 Volts AC input. This device is BIS, RoHS, and ISO certified, proudly 100% designed and made in India.



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	64 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

NETWORKING

Ethernet	1000 Mbps
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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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