



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)

512GB SSD

Dual Band WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-I5_13-16_16-M512-12_7-M-
THINUX-KM



Unleash Industrial Power with the Thinvent® Neo H Mini PC: The Ultimate Indian Workhorse

Experience the pinnacle of performance 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 designed and made in India with a solid steel build for unparalleled durability.

Key Performance Highlights

- Powered by a 10-core Intel® Core™ i5-1335U processor, reaching up to 4.6 GHz with 12 MB cache, delivering exceptional processing muscle.
- Seamless multitasking and lightning-fast responsiveness with 16GB DDR4 RAM.
- Ample storage for your critical data with a 256GB SSD.

Connectivity Galore

- Versatile display options with 1 HDMI and 1 VGA port.
- Extensive peripheral support with 2 USB 3.2 and 2 USB 2.0 ports.
- High-speed 1000 Mbps Ethernet for reliable network connectivity.
- Dual Band Wi-Fi (802.11ac) for flexible wireless networking.
- Dedicated Speaker Out and Mic In for enhanced audio.

Intelligent Operating System

- Runs on Thinux™ Embedded Linux, optimized for performance and security.
- Includes Chromium and Mozilla Firefox browsers for web-based tasks.
- Advanced remote access capabilities with RDP 10, Putty, and SSH.
- Browser-based remote management and VNC shadowing for effortless control.
- Supports Java, Python, and glibc for custom location applications.
- Productivity tools like LibreOffice and a PDF viewer.
- Multimedia player with MPEG4 support and SIP for video and voice over IP.

Built to Last

- Industrial-grade 12V 7A adapter with a 2-meter cable.
- Operates reliably in temperatures from 0°C to 40°C.
- Steel housing with a durable black powder coating.
- Compact dimensions: 210mm × 202mm × 80mm.
- Includes a Thinvent® Keyboard and Mouse set for immediate productivity.
- Certified to BIS, RoHS, and ISO standards.

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	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	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	2.23kg, 2.65kg

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-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

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