



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

1TB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I3_13-8_8-M1024-12_7-M-
W_OS-KM



Unleash Unstoppable Performance: The Thinvent® Neo H Mini PC

Experience the pinnacle of compact computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this robust machine is designed for demanding applications, offering unparalleled processing power and expansive memory in a surprisingly small footprint.

Key Features and Benefits

- **Powerhouse Performance:** At its core, the Intel® Core™ i3-1315U processor boasts 6 cores and reaches up to 4.5 GHz, fueled by a massive 64GB DDR4 RAM. This configuration ensures seamless multitasking and effortless handling of complex industrial control tasks.
- **Expansive Connectivity:** Equipped with HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, and a 1000 Mbps Ethernet port, this Mini PC provides all the necessary connections for your operational needs.
- **Reliable Storage:** The 32GB MLC SSD offers quick boot times and rapid data access, crucial for time-sensitive industrial environments.
- **Built to Last:** Crafted from solid steel with a durable black powder coating, the 210mm × 202mm × 80mm housing is engineered for resilience in challenging settings.
- **Versatile Operation:** Featuring dual-band Wi-Fi for flexible networking, and operating smoothly between 0°C and 40°C, this PC is ready for diverse environments.
- **India's Own Innovation:** Proudly 100% designed and made in India, adhering to BIS, RoHS, and ISO certifications.
- **Complete Solution:** Includes a Thinvent® Keyboard and Mouse set to get you started immediately.
- **Flexibility in OS:** Supplied Without OS, allowing you to install the operating system of your choice.
- **Included Accessories:** A 12V 7A adapter with a 2-meter cable ensures stable power delivery.

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	16 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
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	2.24kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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**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 Keyboardwww.thinvent.insales@thinvent.in

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