



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

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-I3_13-16_16-M512-12_7-X-U-KM



Unleash Industrial Power, Compactly

Introducing the Thinvent® Neo H Mini PC, the High Performance evolution of our bestselling Neo model. Crafted for demanding industrial applications, this compact powerhouse is engineered for reliability and robust performance. Experience the seamless integration of cutting-edge technology and a durable, Made in India design.

Performance Engineered

- Intel® Core™ i3-1315U processor: Boasting 6 cores that reach up to 4.5 GHz with a 10 MB cache, it handles complex tasks effortlessly.
- 4GB DDR4 RAM: Smooth multitasking for your critical operations.
- 128GB SSD Storage: Rapid boot times and quick data access.

Connectivity Abound

- 1x HDMI, 1x VGA: Versatile display options for any setup.

- 1x Speaker Out, 1x Mic In: Essential audio integration.
- 2x USB 3.2, 2x USB 2.0: Connect all your peripherals.
- 1000 Mbps Ethernet: Reliable, high-speed network connectivity.

Built to Last

- Robust steel housing with a sleek black power coating.
- Designed for durability with an operating temperature of 0°C ~ 40°C.
- Compact dimensions: 210mm × 202mm × 80mm.

Ready to Go

- Pre-installed with Ubuntu Linux 24.04 LTS.
- Includes a Thinvent® keyboard and mouse set.
- Powered by a 12V 7A adapter for stable operation.
- Certifications: BIS, RoHS, ISO.



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
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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	2.24kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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 Keyboard

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