



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

DOS

Thinvent Keyboard and Mouse set

SKU: H-I3_13-32_32-M1024-12_7-X-
DOS-KM



Thinvent® Neo H Mini PC: Your Industrial Powerhouse.

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built to last, this compact yet powerful machine is designed and manufactured in India, reflecting our commitment to quality and innovation.

Unleash Productivity

- Powered by the Intel® Core™ i3-1315U processor with 6 cores and a turbo boost up to 4.5 GHz, and featuring 10 MB of cache, this PC handles complex tasks with ease.
- Multitask seamlessly with 8GB DDR4 RAM, ensuring smooth operation even under heavy loads.
- Store your essential data and applications on the speedy 256GB SSD for rapid boot-ups and file access.

Versatile Connectivity

- Connect to a wide range of displays using both HDMI and VGA ports.
- Enjoy crisp audio with the dedicated Speaker Out and easily connect your microphone via Mic In.

- Expand your peripherals with two USB 3.2 ports for high-speed data transfer and two USB 2.0 ports for everyday devices.
- Benefit from a reliable 1000 Mbps Ethernet connection for uninterrupted networking.

Built for the Tough Environment

- The robust steel housing, finished in a durable black powder coating, ensures longevity in industrial settings.
- Operates efficiently within a wide temperature range of 0°C to 40°C and humidity of 20% to 80% RH.
- Includes a 12V 7A adapter with a 2-meter cable for flexible placement.
- Compliant with BIS, RoHS, and ISO certifications, guaranteeing quality and safety.

Included Accessories

- FreeDOS operating system for immediate use.
- Thinvent® Keyboard and Mouse set to get you started.

Dimensions: 210mm × 202mm × 80mm.



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	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	FreeDOS
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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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