



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)

2TB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-I3_13-32_32-M2048-12_5-M-DOS-KM



Unleash Unrivalled Power: The Thinvent® Neo H Mini PC.

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Designed as an industrial workhorse, this robust machine is engineered for demanding applications, offering exceptional power and unparalleled connectivity.

Key Performance Highlights

- Processor: Intel® Core™ i3-1315U with 6 cores, reaching up to 4.5 GHz and boasting a 10 MB cache for lightning-fast task execution.
- Memory: A massive 64GB DDR4 RAM ensures seamless multitasking and handles complex workloads with ease.
- Storage: A swift 128GB SSD provides rapid boot times and application loading.

Extensive Connectivity

- Display: 1 HDMI, 1 VGA for versatile display options.
- Audio: 1 Speaker Out, 1 Mic In for audio integration.
- USB Ports: 2 USB 3.2 and 2 USB 2.0 for all your peripheral needs.

- Networking: 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac) ensure reliable connections.

Built for Durability and Reliability

- Power: Efficient 12V 7A adapter with universal AC input (100~275 Volts).
- Robust Construction: A solid steel housing with a durable black powder coating, designed to withstand demanding environments.
- Operating Environment: Operates smoothly between 0°C and 40°C with 20% ~ 80% humidity tolerance.
- Included Accessories: Comes with a Thinvent® Keyboard and Mouse set and a 2-meter power cable.
- Certifications: BIS, RoHS, ISO certified for quality assurance.
- Dimensions: Compact at 210mm × 202mm × 80mm.
- Operating System: FreeDOS ready for your custom setup.

100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and similar applications where reliability and raw power are paramount.

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	2048 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	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	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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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