



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)

512GB SSD

No WiFi

DOS

SKU: H-I3_13-32_32-M512-12_7-X-DOS-0



Thinvent Neo H: Powering Industrial Precision.

Unleash unparalleled performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse is our largest and most robust offering, 100% designed and made in India with a solid steel, powder-coated black housing for enduring reliability. Ideal for demanding industrial control and similar applications, it's engineered to perform.

Core Performance

- Experience powerful processing with the Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz, backed by a 10 MB cache.
- Multitask seamlessly with a generous 16GB DDR4 RAM.
- Enjoy lightning-fast data access and ample storage with a 512GB SSD.

Robust Connectivity

- Connect effortlessly with a host of options including 1 HDMI and 1 VGA port for dual display, 2 USB 3.2 and 2 USB 2.0 ports for peripherals.
- Ensure stable network communication via 1000 Mbps Ethernet.
- Integrated speaker out and mic in provide essential audio capabilities.
- Note: This model comes without WiFi for secure, dedicated wired environments, and includes FreeDOS.

Industrial Durability

- Built to last with a steel housing and a wide operating temperature range of 0°C to 40°C and 20%-80% non-condensing humidity.
- A robust 12V 7A adapter with a 2-metre cable handles wide power inputs (100~275V AC).
- Certified for quality and safety with BIS, RoHS, and ISO standards.
- Compact yet powerful at 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	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	1.72kg, 2.14kg

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

Thinix = Thinix™ 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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