



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)

512GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-I3_13-8_8-M512-12_5-M-11P-0



Thinvent® Neo H Mini PC: Unrivalled Power for Industrial Demands.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse is our largest product, meticulously engineered and 100% designed and made in India, boasting a solid steel build for uncompromising durability.

Unleash exceptional processing capability for demanding applications

Performance That Drives Productivity

- Intel® Core™ i3-1315U processor with 6 cores for efficient multitasking
- Blazing speeds up to 4.5 GHz and a generous 10 MB cache
- 16GB DDR4 RAM for seamless operation
- Lightning-fast 512GB SSD ensures rapid boot-ups and application loading
- Pre-installed with Microsoft Windows 11 Pro for enhanced security and features

Robust Connectivity for Any Environment

- Dual display support with 1 HDMI and 1 VGA port

- 2 USB 3.2 and 2 USB 2.0 ports for versatile peripheral connections
- Gigabit Ethernet (1000 Mbps) for stable wired networking
- Dual Band Wi-Fi 5 (802.11ac) for flexible wireless access
- Dedicated Speaker Out and Mic In ports

Engineered for Reliability

- Industrial-grade steel housing with a sleek black powder coating
- Wide operating temperature range: 0°C to 40°C
- Resistant to humidity: 20% to 80% RH (non-condensing)
- Certified for quality and safety: BIS, RoHS, ISO
- Compact dimensions: 210mm × 202mm × 80mm, designed to fit where you need it

The Neo H is the ideal solution for industrial control and similar applications, offering powerful CPU and RAM configurations in a robust package. Power it effortlessly with the included 12V 7A adapter and a 2-metre cable. Experience the difference of premium Indian engineering.

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	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
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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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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