



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

Windows 11 Professional

SKU: H-I3_13-16-M2048-12_7-M-11O-0



Big performance in a serious steel shell.

Meet the Thinvent Neo H Mini PC - the high-performance powerhouse of our bestselling Neo family, and quite simply the most capable machine we make. If your work depends on speed, stability and stamina, this is the industrial workhorse you have been waiting for.

Engineered for the toughest jobs

- Purpose-built for industrial control and automation, where split-second decisions matter
- A powerful Intel Core i3 processor and generous memory keep demanding software running smoothly, day in and day out
- A solid, powder-coated steel housing shrugs off the knocks, dust and heat of the factory floor
- A wealth of connectivity options means it slots straight into your existing setup - no fuss, no adapters, no compromise

- Dual-band WiFi and gigabit Ethernet keep you connected, whether you are on the network or out in the field
- Whisper-quiet operation and compact dimensions let it sit discreetly on a bench, in a cabinet or behind a display

Why choose the Neo H?

Because this is a machine built to keep working when it matters most. It is 100% designed and made in India, with the rugged construction and dependable components you expect from a true industrial solution. From production lines to process control, from kiosks to data acquisition, the Neo H handles the heavy lifting so you can focus on the job at hand.

This is the quiet achiever of the Neo range - the one you fit, forget and rely on for years of trouble-free service.

Discover the difference that genuine industrial-grade engineering makes. Choose the Thinvent Neo H Mini PC.

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	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	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	Microsoft Windows 11 Professional
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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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