



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM (2 x 8GB)

256GB SSD

No WiFi

Windows 11 Professional

SKU: H-I3_12L-8_8-S256-12_7-X-11O-0



Meet the Thinvent Neo H: the industrial powerhouse that keeps your operations moving.

This is the high-performance version of our bestselling Neo range, engineered for the toughest jobs in industrial control and automation. When you need a machine that never flinches, the Neo H delivers with brisk, responsive processing that powers through demanding workloads, smooth multitasking, and rapid data handling — all without breaking a sweat.

Why choose the Neo H?

- Built for the shop floor: a solid, powder-coated steel casing shrugs off dust, knocks, and the rigours of a hard-working environment, so it keeps running when it matters most.
- Connect everything: with dual gigabit Ethernet and a full spread of USB, HDMI, VGA, and serial ports, it slots straight into existing machinery, displays, and networks — no adapters, no fuss.

- Reliable round the clock: designed for continuous operation in industrial settings, it stays cool, quiet, and stable, day after day, year after year.
- A smart investment: generous memory and fast solid-state storage mean swift boot times and effortless application performance, so you spend less time waiting and more time producing.
- Proudly Indian: 100% designed and made in India, with BIS, RoHS, and ISO certifications, giving you confidence in quality, compliance, and dependable local support.

From factory control systems and machine monitoring to security gateways and edge computing, the Neo H is the workhorse your operation deserves. It's not just a PC — it's the backbone of your uptime.

Upgrade to the Neo H today, and give your industrial processes the muscle they need to thrive.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.79kg, 2.21kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-i3_12l-[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

www.thinvent.insales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

