



Thinvent Neo H Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-I3_13-32-M1024-12_7-M-11O-KM



Meet the workhorse that never clocks off.

The Thinvent® Neo H Mini PC is the high-performance flagship of our bestselling Neo family, engineered for the demands of industrial control and relentless, round-the-clock operation.

****Power where it matters:****

- Handles complex automation, machine monitoring and data processing with effortless speed, so your operations stay fluid and responsive.
- The powerful processor and generous memory keep multiple applications running smoothly, eliminating the lag that halts productivity.
- Responds instantly to control commands, ensuring your equipment runs precisely when every second counts.

****Built to survive the working world:****

- Housed in a solid, powder-coated steel chassis, it stands up to the knocks, vibrations and dust of real factory floors.
- Designed to operate reliably in ambient temperatures
- from freezing to forty degrees, keeping its cool under pressure.

- Whisper-quiet and compact, it fits neatly into control cabinets, kiosks and tight workspaces without dominating the room.

****Connected to everything you need:****

- A host of connectivity options lets you link legacy equipment and modern peripherals with ease, making it a flexible replacement for ageing industrial PCs.
- Dual-band Wi-Fi and gigabit Ethernet keep your systems linked to the network, whether wired or wireless.
- Comes ready to run with Windows 11 Professional and a complete keyboard and mouse set, so it is truly plug-and-play.

****Proudly made in India:****

- 100% designed and manufactured in India, the Neo H delivers dependable quality you can trust.
- Certified to BIS, RoHS and ISO standards, giving you peace of mind for critical deployments.

When your operations can't afford downtime, choose the Neo H. It's the industrial partner that keeps working as hard as you do.

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	32 GB
SSD Storage	1024 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	2.24kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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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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