



Thinvent Neo H Mini PC

Intel Core i5-14400 processor

10 core, up to 4.7 GHz, 20 MB cache

8GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5_14D-8-M256-19_7-M-11P-1S



Power That Lives Where Industry Works

The Thinvent® Neo H Mini PC brings desktop-class performance to the factory floor, the control cabinet and every demanding workspace in between. Built around the 14th-generation Intel® Core™ i5-14400 processor, with 10 cores and speeds of up to 4.7 GHz, it handles control software, data logging and multitasking with quiet confidence.

Designed as the high performance version of our bestselling Neo range, it is our largest and most capable model, pairing a powerful processor with generous memory and a 128GB SSD, running Microsoft Windows 11 Pro straight out of the box.

Connectivity is where the Neo H truly earns its place in industrial settings

- Two HDMI and one DisplayPort outputs for driving multiple screens
- Four USB 3.2 ports for fast peripheral and data transfer
- Gigabit Ethernet for reliable wired networking

- Dual band Wi-Fi 5 for flexible wireless connection
- A DB9 RS232 serial port for connecting legacy and industrial equipment
- Audio and microphone connections for operator interfaces and voice-enabled systems

The robust steel base and aluminium cover, finished in durable powder-coated black, give the Neo H a professional look and a solid build that suits busy industrial environments. The compact mini PC form factor saves valuable space while delivering serious capability.

Ideal for industrial control, automation, machine monitoring, HMI and kiosk deployments, and any application where dependable performance matters, the Neo H is a smart investment in productivity.

Proudly 100% designed and made in India, the Thinvent® Neo H is ready to power the work that keeps your business moving.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	14400
Cores	10
Max Frequency	4.7 GHz
Cache	20 MB
Chipset	Intel B760
TPM	TPM 2.0 header
Main Memory	8 GB
SSD Storage	256 GB

DISPLAY

HDMI	2
DisplayPort	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2	2
USB 3.2 Gen 1	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	19 Volts
DC Current	7 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	1.5 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	0.91kg, 1.32kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
------------------	--------------------------

Ordering Information

PRODUCT CODE

H-i5_14d-[RAM]-[SSD]-19_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

m128_S128 = Dual 128GB

S128_S32 = 128GB SSD + 32 GB MLC

m32_S32 = 32GB SSD + 32 GB MLC

h1024 = 1TB HDD

n1024_h1024 = 1TB NVMe SSD + 1TB HDD

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

m128_S32 = 128GB SSD + 32 GB MLC

S128_S128 = 128GB SSD + 128 GB MLC

S32_S32 = 32GB MLC SSD + 32 GB MLC

n512_h1024 = 512GB NVMe SSD + 1TB HDD

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

