



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: H-R5_7-32-S256-19_3-X-11O-KM



Power where it matters, reliability that lasts.

The Thinvent Neo H is the high-performance evolution of our best-selling Neo series, built for the tough, unglamorous jobs that keep modern industry moving. This is not a desktop toy; it is a serious piece of engineering, proudly 100% designed and made in India, and housed in a solid steel chassis that shrugs off the bumps, heat and dust of a working environment.

Why choose the Neo H

- Exceptional processing muscle for demanding industrial control tasks, automation, and data acquisition
- Plenty of memory and storage to run Windows 11 Professional smoothly while juggling multiple applications
- A full suite of connectivity options – from high-speed Ethernet to legacy ports – so it slips into existing setups without fuss
- Purpose-built for 24/7 operation in factories, workshops, labs, and field installations

A workhorse you can trust

The powder-coated steel case is no cosmetic afterthought. It protects the powerful components inside from vibration and physical knocks, while the efficient cooling design ensures steady performance even when the temperature rises. With a generous operating range and certified build quality, this is a machine that keeps working while others are being repaired.

The practical choice for industry

Whether you are controlling a production line, monitoring equipment, or running a dedicated kiosk, the Neo H delivers the dependable, responsive performance you need. It arrives ready to go with Windows 11 Pro, a matching keyboard and mouse, and everything preconfigured for instant deployment. And because it is engineered and manufactured in India, you get a product built to local conditions, backed by a company that understands your requirements.

When downtime is not an option, choose the Neo H.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	32 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 1	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
----------	-----------

POWER

DC Voltage	19 Volts
DC Current	3 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	1.79kg, 2.21kg

ACCESSORIES

Keyboard and Mouse	1
--------------------	---

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
------------------	-----------------------------------

Ordering Information

PRODUCT CODE

H-r5_7-[RAM]-[SSD]-19_3-[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

