



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

64GB DDR4 RAM (2 x 32GB)

2TB SSD

No WiFi

Without OS

SKU: H-R5_7-32_32-M2048-19_3-X-W_OS-0



Uncompromising power for the toughest industrial tasks.

Built for Industry

The Neo H Mini PC is the high-performance flagship of our bestselling Neo series. Designed as an industrial workhorse, it delivers the muscle you need for demanding control systems, edge computing, and automation tasks. No fluff, just raw, reliable performance where it counts.

Designed and Made in India

Every Neo H is 100% designed and manufactured in India. Its solid steel chassis, finished with a durable powder coating, shrugs off the bumps and vibrations of a factory floor. This is a machine built to last, not a consumer toy.

Connectivity That Counts

A generous selection of USB 3.2 Gen 1 and USB 2.0 ports, along with HDMI and VGA outputs, ensures seamless integration with your existing industrial peripherals, monitors, and legacy equipment. Dual Ethernet means reliable network connections for mission-critical operations.

Your Operating System, Your Way

Supplied without an operating system, the Neo H gives you complete freedom to install the Linux, Windows, or custom RTOS that your application demands. No bloatware, no compromises.

The Smart Choice for Serious Applications

Whether you are controlling a production line, running a digital signage network, or powering a kiosk, the Neo H Mini PC provides the dependable, high-throughput computing you need. It is the upgrade your industrial setup has been waiting for.



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	64 GB
SSD Storage	2048 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
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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	1.27kg, 1.69kg

OPERATING SYSTEM

Operating System	Without OS
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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

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