



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)

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-R5_7-32_32-M512-19_3-X-U-KM



Unleash industrial-grade performance in a compact powerhouse.

Performance that powers your production

- Drive demanding control systems and automation tasks with the most powerful variant of our bestselling Neo series
- Tackle complex calculations and data processing with confidence, all within a rugged, space-saving chassis
- Boot and run applications swiftly, keeping your moving without a hitch

Built for the shop floor, not the showroom

- Robust steel housing with powder-coated finish withstands vibration, dust, and daily knocks in harsh environments
- Fanless, maintenance-free operation ensures reliable uptime in factories and workshops
- Operates reliably from zero to forty degrees Celsius,

handling temperature swings common in industrial settings

Connectivity designed for real-world integration

- Multiple USB and display ports let you link legacy kit and modern monitors without adapters
- Gigabit Ethernet keeps PLCs, sensors, and network controllers communicating without lag
- VGA and HDMI outputs give you flexible options for HMI screens and diagnostic displays

The intelligent choice for Indian industry

- One hundred percent designed and manufactured in India, supporting local engineering and supply chains
- Backed by Thinvent's ISO and RoHS certifications, ensuring quality and compliance
- Includes Ubuntu Linux pre-installed with Thinvent keyboard and mouse, so you can start deploying straight out of the box

Upgrade your industrial control systems with a computer engineered to work as hard as you do.



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	512 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	1.79kg, 2.21kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

www.thinvent.in

sales@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

