



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-R5_7-8_8-M512-19_3-X-DOS-KM



Industrial computing power that's built to last, right here in India.

Rugged and reliable for the factory floor

- Solid steel housing with a powder-coated finish stands up to demanding industrial environments.
- Compact footprint fits easily into control cabinets, kiosks, or workstations without wasting space.

Performance you can count on

- The powerful AMD Ryzen™ 5 processor delivers smooth multitasking and responsive control for automation, data logging, and HMI applications.
- Generous memory and fast SSD storage ensure your programs run efficiently, even with multiple tasks running simultaneously.

Connectivity made simple

- A full range of ports – including HDMI, VGA, multiple USB ports, and gigabit Ethernet – makes it easy to hook up displays, peripherals, and industrial sensors.

- Wired Ethernet connection provides stable, low-latency networking essential for real-time control.

Designed for your workflow

- Ships with FreeDOS so you can install exactly the operating system and software your applications require.
- Includes a complete keyboard and mouse set – everything you need to get started straight out of the box.

Proudly Indian

- 100% designed and manufactured in India, ensuring quality control, local support, and supply chain reliability.
- Certified to BIS, RoHS, and ISO standards, giving you peace of mind in safety and compliance.

Whether you're upgrading an existing control system or building a new automation station, the Thinvent Neo H Mini PC delivers the performance, durability, and flexibility your operations demand.



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	16 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	FreeDOS
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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

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