



Thinvent Neo H Mini PC

AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

DOS

SKU: H-R5_75-8_8-M512-19_3-X-DOS-0



Big performance for serious industrial work.

The Thinvent Neo H Mini PC is the high performance version of our bestselling Neo model, built for businesses that need dependable computing power on the factory floor, in the control room, or at the workstation.

Why choose the Neo H

- Powered by an AMD Ryzen 5 7530U processor with 6 cores reaching up to 4.5 GHz, it handles demanding industrial control tasks, data logging, and multi-application workloads without slowing you down.
- Our largest Neo model, it gives you the space and configuration headroom to run the applications your operation depends on.

- A host of connectivity options means you can connect displays, peripherals, audio, and wired networks right out of the box, with no adapters or add-ons required.
- Solid steel housing with a powder coated finish stands up to the realities of an industrial environment.
- 100% designed and made in India, so you are investing in local engineering and dependable support.
- Ships with FreeDOS, giving you the freedom to install the operating system that suits your deployment.

Whether you are upgrading an existing control setup or rolling out new systems across a facility, the Neo H is built to be an industrial workhorse that keeps your operation moving.

Choose Thinvent Neo H for performance you can plan around.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7530U
Cores	6
Max Frequency	4.5 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	1.27kg, 1.69kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

H-r5_75-[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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