



Thinvent Neo H Mini PC

AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

Without OS

SKU: H-R5_75-32-M512-19_3-X-W_OS-0



Power through the workday without the wait.

Meet the Thinvent® Neo H Mini PC, the high performance version of our bestselling Neo model. At the heart of this industrial workhorse is an AMD Ryzen 5 7530U processor with six cores and speeds up to 4.5 GHz, paired with fast DDR4 memory and solid state storage. The result is a machine that opens applications quickly, handles multitasking with ease, and keeps your workflow moving.

Built for serious environments

- Industrial control and automation, where a dependable PC on the factory floor matters more than flashy extras
- Kiosks and self service terminals that need to run all day, every day
- Digital signage and display walls, driven through HDMI or VGA outputs
- Back office and point of sale systems that need a compact footprint

- Lab, workshop and embedded computing tasks where a full size desktop simply will not fit

Why choose the Neo H

- Genuine AMD Ryzen performance in a compact mini PC chassis
- A host of connectivity options, including dual display outputs, four USB ports, gigabit Ethernet and audio in and out
- Solid steel housing with a powder coated finish, ready for demanding workspaces
- 100 percent designed and made in India, backed by BIS, RoHS and ISO certifications
- Ships without an operating system, so you install exactly the platform your application needs

When your operation needs a compact computer that simply gets on with the job, the Thinvent® Neo H is ready.



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	32 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	Without OS
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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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