



Thinvent Neo H Mini PC

AMD Ryzen 5 7530U processor

6 core, up to 4.5 GHz, 16 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

Thinux Embedded Linux

SKU: H-R5_75-16-M256-19_3-X-THINUX-0



Power through industrial workloads with the Neo H Mini PC.

When your operation needs dependable computing that keeps pace with demanding tasks, the Thinvent Neo H Mini PC delivers. Built around the AMD Ryzen 5 7530U processor, this industrial workhorse handles heavy applications, multi-tasking and control systems without hesitation.

Why choose the Neo H

- Industrial control and automation: The processing headroom and connectivity to run control applications, monitoring dashboards and production systems smoothly.
- Remote operations: Browser based remote management, VNC shadowing and RDP support let your team manage systems from anywhere, reducing site visits.
- Kiosks and point of service: Dual display outputs and audio connectivity make it ready for customer facing installations.

- Software flexibility: Thinux Embedded Linux comes ready with browsers, office tools, PDF viewing, multimedia playback and support for Java, Python and location based applications.
- Built for the factory floor: The solid steel, powder coated housing stands up to industrial environments where ordinary office PCs would struggle.
- Made in India: Designed and manufactured entirely in India, backed by BIS, RoHS and ISO certifications.

The Neo H is the high performance version of our bestselling Neo model, offering the largest configuration in the range. If you need a reliable, locally made industrial computer with the power to match your ambitions, the Neo H is ready to work.



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	256 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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