



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

Ubuntu Linux

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



Power through industrial workloads, day after day.

The Thinvent Neo H Mini PC is built for businesses that need dependable computing on the factory floor, in the control room, or wherever the work happens. With an AMD Ryzen 5 7530U processor offering six cores and speeds up to 4.5 GHz, it handles demanding industrial control tasks, data logging, and point-of-sale operations without hesitation. The generous 16 MB cache keeps things responsive when you are juggling multiple processes at once.

Whether you are running production line software, managing inventory systems, or powering kiosks and digital signage, this machine keeps pace. Ubuntu Linux 24.04 LTS comes pre-installed, so you can deploy straight out of the box without wrestling with licensing or setup headaches.

- Proven reliability from the bestselling Neo family, now with more processing muscle
- Solid steel housing with a powder-coated finish stands up to busy industrial environments
- Extensive connectivity including HDMI, VGA, audio in and out, four USB ports, and Gigabit Ethernet for flexible setup
- 100% designed and made in India, supporting local manufacturing
- Certified to BIS, RoHS, and ISO standards for peace of mind
- Compact footprint that fits into tight spaces without sacrificing capability

If you need a workhorse that simply gets on with the job, the Neo H is ready.

Here is why it belongs in your operation



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	Ubuntu Linux 24.04 LTS
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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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