



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Professional

SKU: H-R5_7-16-M128-19_3-M-11O-0



Meet the workhorse your operation has been waiting for.

Power where it matters most

The Neo H is the high-performance flagship of our bestselling Neo range, ready to power through demanding industrial control, machine monitoring, and edge computing tasks without breaking a sweat. When the production line can't stop, neither can your hardware — and this mini PC is built to keep pace.

Engineered for real-world endurance

Housed in a solid steel chassis with a tough, powder-coated finish, the Neo H shrugs off the bumps, vibrations, and knocks of a busy workshop or factory floor. It is designed to run reliably in demanding environments, so you can focus on throughput, not downtime.

Connectivity that works around you

With a generous selection of ports and dual-band WiFi, the Neo H slots effortlessly into existing setups. Whether you are linking to older control equipment or modern network infrastructure, this machine bridges the gap with ease. Set it up once and let it get on with the job.

Confidence from a clear heritage

Every Neo H is 100% designed and made in India, backed by Thinvent's commitment to quality and ISO-certified manufacturing. It ships with Windows 11 Professional, giving you a secure, familiar platform from the moment you switch it on.

The smart choice for serious operations

If you need dependable processing power, robust construction, and the flexibility to handle a variety of industrial roles, the Neo H is the upgrade your business deserves. Keep your processes moving, your systems responsive, and your mind at ease.

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	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Microsoft Windows 11 Professional
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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

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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