



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

DOS

SKU: H-R5_7-16-S32-19_3-M-DOS-0



Power meets resilience in the industrial workhorse you can trust.

Built for the toughest industrial environments

The Thinvent Neo H Mini PC is the high-performance evolution of our bestselling Neo series, engineered to handle the most demanding control and automation tasks without breaking a sweat. Whether you're managing production lines, running SCADA systems, or powering embedded applications, this machine delivers the raw muscle to keep operations smooth and efficient.

- Massive connectivity for complex setups: With a generous array of ports including HDMI, VGA, dual USB 3.2 and USB 2.0, plus gigabit Ethernet, you can hook up multiple displays, legacy peripherals, and network devices all at once. No more daisy-chaining or adapter headaches.

- Rock-solid build, Indian-made pride: Every unit is crafted from powder-coated steel – a chassis that shrugs off vibration, dust, and knocks. And because it's 100% designed and manufactured in India, you get local support, fast turnaround, and the confidence of domestic quality control.

Your industrial control solution, simplified

- Choice of operating system? We ship with FreeDOS so you can install exactly the OS your application demands – no bloat, no restrictions, just pure performance.

Built to keep going when it matters

- Low-power, high-efficiency Ryzen™ processing means this mini PC runs cool and quiet even under continuous load, perfect for 24/7 operations in factory floors or remote kiosks.

Why choose Thinvent? Because you need a machine that's as unyielding as your deadlines. The Neo H is more than a PC – it's your reliable partner in productivity.

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	32 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	FreeDOS
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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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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