



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

32GB DDR4 RAM

256GB SSD

No WiFi

DOS

SKU: H-R5_7-32-S256-19_3-X-DOS-0



Power without compromise for demanding industrial environments.

Built for the toughest jobs

The Neo H is our largest and most powerful mini PC, engineered to handle the heavy lifting in industrial control, automation, and data processing. Whether you are managing production lines, running SCADA systems, or powering digital signage, this machine delivers relentless performance in a compact, rugged package.

Why choose the Neo H

- Exceptional processing power from a six-core AMD Ryzen 5 processor – ideal for multitasking and complex calculations without lag.
- Robust steel chassis with powder-coated finish, built to survive factory floors, workshops, and 24/7 operation.

- Comprehensive connectivity – multiple USB ports, HDMI, VGA, and Gigabit Ethernet – so you can connect legacy equipment and modern peripherals with ease.
- Designed and manufactured entirely in India, ensuring quality, support, and reliability you can trust.

Your next industrial workhorse

Say goodbye to underpowered PCs that struggle under load. The Neo H is the upgrade you need to boost productivity, reduce downtime, and simplify maintenance. It arrives with FreeDOS, ready for your preferred operating system and applications. No bloatware, just pure performance.

Take control with confidence



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	32 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	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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