



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

32GB DDR4 RAM (2 x 16GB)

128GB SSD

No WiFi

Ubuntu Linux

SKU: H-R5_7-16_16-S128-19_3-X-U-0



Unmatched muscle for the factory floor

- The Neo H Mini PC takes everything you loved about the bestselling Neo and cranks it up to industrial-grade performance. Powered by a potent AMD Ryzen 5 processor, this workhorse handles demanding control tasks, data logging, and automation applications without breaking a sweat.
- Built to thrive in harsh environments, the Neo H comes in a solid steel chassis that shrugs off vibration, dust, and knocks. With a full suite of wired connectivity – including dual USB 3.2, gigabit Ethernet, HDMI, and even VGA – you can integrate it into legacy systems or modern setups without compromise.
- Ideal for real-time industrial control, the Neo H runs Ubuntu Linux 24.04 LTS right out of the box, giving you a stable, secure, and customisable platform. No unnecessary frills – just reliable, deterministic performance where you need it most.
- Designed and built entirely in India, this mini PC offers the peace of mind of local support and supply chain resilience. Every unit is powder-coated, born from meticulous engineering, and certified to international quality standards.
- When your operations can't afford downtime, the Neo H is the dependable choice. Upgrade from a standard mini PC to a true industrial powerhouse – your production line will thank you.



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	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
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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_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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