



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-R5_7-32_32-S128-19_3-X-W_OS-KM



Uncompromising power for the toughest industrial environments

Why the Neo H is the perfect choice for your next deployment

- Its six-core AMD Ryzen 5 processor delivers the muscle you need to run demanding control systems, data acquisition, and automation software without a hitch
- With a generous array of ports – including HDMI, VGA, dual USB 3.2 and USB 2.0, plus Gigabit Ethernet – you can connect legacy and modern equipment simultaneously, reducing integration headaches
- The solid steel chassis, powder coated in black, is built to withstand the bumps, vibrations, and long hours of a factory floor or workshop
- Designed and made entirely in India, it offers reliable local support and supply chain reassurance for mission-critical projects
- Supplied without an operating system, you have complete freedom to install your own OS – whether that be Windows, Linux, or a custom embedded build – ensuring your software environment is exactly as required
- Includes a full-sized keyboard and mouse, so you can set up and start working straight out of the box
- Despite its robust footprint, the Neo H remains a compact mini PC, saving valuable desk or rack space while providing the performance of a much larger machine
- Ideal for industrial control, SCADA systems, edge computing, and any application where consistent, long-life computing is non-negotiable



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	64 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	1.79kg, 2.21kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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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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