



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)

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: H-R5_7-16_16-M512-19_3-X-U-KM



Unleash industrial-grade performance in a compact powerhouse.

Performance that powers your production

- Drive demanding control systems and automation tasks with the most powerful variant of our bestselling Neo series
- Tackle complex calculations and data processing with confidence, all within a rugged, space-saving chassis
- Boot and run applications swiftly, keeping your moving without a hitch

Built for the shop floor, not the showroom

- Robust steel housing with powder-coated finish withstands vibration, dust, and daily knocks in harsh environments
- Fanless, maintenance-free operation ensures reliable uptime in factories and workshops
- Operates reliably from zero to forty degrees Celsius,

handling temperature swings common in industrial settings

Connectivity designed for real-world integration

- Multiple USB and display ports let you link legacy kit and modern monitors without adapters
- Gigabit Ethernet keeps PLCs, sensors, and network controllers communicating without lag
- VGA and HDMI outputs give you flexible options for HMI screens and diagnostic displays

The intelligent choice for Indian industry

- One hundred percent designed and manufactured in India, supporting local engineering and supply chains
- Backed by Thinvent's ISO and RoHS certifications, ensuring quality and compliance
- Includes Ubuntu Linux pre-installed with Thinvent keyboard and mouse, so you can start deploying straight out of the box

Upgrade your industrial control systems with a computer engineered to work as hard as you do.



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	512 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	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		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	S32 = 32GB MLC		S128 = 128GB	
	S256 = 256GB			
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	Thinux = Thinux™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		KM = Keyboard and Mouse set	
	1S = DB9 Serial		MK = Mechanical Keyboard	
	Mo = Wired Optical Scroll Mouse			

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