



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

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: H-R5_7-16_16-M128-19_3-X-11V-KM



Uncompromising power for the toughest industrial tasks.

Built for the factory floor

- The Thinvent® Neo H Mini PC is the high-performance sibling of our bestselling Neo series, engineered to handle the most demanding industrial control applications without breaking a sweat.
- Its powerful processor and ample memory configurations turn data-heavy tasks into seamless routines, from real-time monitoring to complex automation sequences.
- A wealth of connectivity options means you can plug into existing machinery, sensors, and networks with ease – no adapters, no fuss.

Designed to last

- Housed in a solid steel chassis with a durable powder-coated finish, this mini PC shrugs off vibration, dust, and the rigours of a busy production environment.

- Every unit is 100% designed and made in India, ensuring rigorous quality control and local support that keeps your operations running.

Why choose the Neo H

- It is an industrial workhorse that delivers desktop-class responsiveness in a compact, space-saving footprint – ideal for cramped control cabinets or kiosk deployments.
- The included Windows 11 IoT Enterprise LTSC operating system provides a stable, long-term platform you can trust.
- With a full suite of I/O ports – including HDMI, VGA, USB, and Gigabit Ethernet – you can connect legacy and modern equipment side by side, simplifying your upgrade path.

For engineers and system integrators who demand reliability, performance, and no-compromise build quality, the Thinvent® Neo H is the clear choice.



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	1.79kg, 2.21kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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