



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-R5_7-4-M2048-19_3-X-THINUX-KM



Power that fits in the palm of your hand.

Built for the toughest industrial environments

- The Neo H Mini PC is the high-performance evolution of our best-selling Neo series, designed to be the reliable heart of your factory floor or control room
 - Powered by a capable AMD processor, this machine handles demanding control applications, data logging, and multitasking without breaking a sweat
 - A solid steel chassis and powder-coated finish mean it stands up to vibration, dust, and the rigours of 24/7 operation
 - With a generous selection of ports including HDMI, VGA, multiple USB, and gigabit Ethernet, you can connect legacy machinery and modern displays side by side
- Pre-loaded with Thinix Embedded Linux, it comes ready with Chromium, Firefox, RDP, VNC, SSH, and multimedia tools so your team can work remotely, run applications, and manage systems out of the box
 - Choose the Neo H when you need a no-compromise workhorse that delivers consistent performance in space-constrained control cabinets

100% designed and made in India, built to last with a rugged steel body, and backed by Thinvent's commitment to reliability – this is the Mini PC that keeps your operations running, shift after shift.



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	4 GB
SSD Storage	2048 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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	S256 = 256GB	
Wireless	m2048 = 2TB			
	S128 = 128GB			
OS	m = Dual Band WiFi	X = No WiFi		
	DOS = DOS	W_OS = Without OS		
Accessories	11V = Windows 11 IoT Value	11P = Windows 11 Pro		
	110 = Windows 11 Professional	Thinix = Thinix™ Embedded Linux		
	U = Ubuntu Linux			
	0 = None	KM = Keyboard and Mouse set		
	1S = DB9 Serial	MK = Mechanical Keyboard		
	Mo = Wired Optical Scroll Mouse			

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