



Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: H-R5_7-16-S32-19_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	16 GB
SSD Storage	32 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		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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