Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

32GB SSD + 32 GB MLC SSD

Dual Band WiFi

DOS

SKU: H-R5_7-16-M32_S32-19_7-M-DOS-0



Power meets resilience in the industrial workhorse you can trust.

Built for the toughest industrial environments

The Thinvent Neo H Mini PC is the high-performance evolution of our bestselling Neo series, engineered to handle the most demanding control and automation tasks without breaking a sweat. Whether you're managing production lines, running SCADA systems, or powering embedded applications, this machine delivers the raw muscle to keep operations smooth and efficient.

- Massive connectivity for complex setups: With a generous array of ports including HDMI, VGA, dual USB 3.2 and USB 2.0, plus gigabit Ethernet, you can hook up multiple displays, legacy peripherals, and network devices all at once. No more daisy-chaining or adapter headaches.
- Rock-solid build, Indian-made pride: Every unit is crafted from powder-coated steel – a chassis that shrugs off vibration, dust, and knocks. And because it's 100% designed and manufactured in India, you get local support, fast turnaround, and the confidence of domestic quality control.

Your industrial control solution, simplified

- Choice of operating system? We ship with FreeDOS so you can install exactly the OS your application demands – no bloat, no restrictions, just pure performance.

Built to keep going when it matters

- Low-power, high-efficiency Ryzen™ processing means this mini PC runs cool and quiet even under continuous load, perfect for 24/7 operations in factory floors or remote kiosks.

Why choose Thinvent? Because you need a machine that's as unyielding as your deadlines. The Neo H is more than a PC – it's your reliable partner in productivity.



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
Secondary 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	19 Volts
DC Current	7 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	1.5 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	0.91kg, 1.32kg

OPERATING SYSTEM

Operating System	FreeDOS

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Ordering Information

PRODUCT CODE

`H-r5_7-[RAM]-[SSD]-19_7-[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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S128 = 128GB		**S256** = 256GB	
	m128_S128 = Dual 128GB		**m128_S32** = 128GB SSD + 32 GB MLC	
	S128_S32 = 128GB SSD + 32 GB MLC		**S128_S128** = 128GB SSD + 128 GB MLC	
	m32_S32 = 32GB SSD + 32 GB MLC		**S32_S32** = 32GB MLC SSD + 32 GB MLC	
	h1024 = 1TB HDD		**n512_h1024** = 512GB NVMe SSD + 1TB HDD	
	n1024_h1024 = 1TB NVMe SSD + 1TB HDD			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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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