Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-R5_7-8-M512-19_3-M-W_OS-KM

Power meets resilience in a compact frame.

Built for the rigours of industrial control and automation, the Thinvent Neo H Mini PC is where high performance meets uncompromising durability. This is the high-performance evolution of our bestselling Neo line, engineered to handle demanding workloads without breaking a sweat.

Why choose the Neo H for your next project

- A potent AMD Ryzen 5 processor delivers the compute power you need for data processing, control logic, and multitasking in real-time environments
- Housed in a solid steel chassis, powder-coated for longevity, this mini PC stands up to vibration, dust, and the knocks of a factory floor
- A generous selection of ports, including HDMI, VGA, USB 3.2, and dual-band Wi-Fi, means you can connect legacy equipment and modern peripherals without compromise
- Designed and built start-to-finish in India, ensuring reliable supply, local support, and confidence in quality
- Ready to go out of the box with a full-sized keyboard and mouse set – just add your operating system and deploy
- Compact enough to mount discreetly, yet spacious enough for robust cooling and future upgrades

From production line monitoring to edge computing and digital signage, the Neo H is a workhorse you can trust. Choose performance that keeps your operations moving.

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	8 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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

OPERATING SYSTEM

Operating System	Without OS

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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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