Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

DOS

Thinvent Keyboard and Mouse set

SKU: H-R5_7-32-S256-19_3-M-DOS-KM

Power through your toughest industrial tasks with the Thinvent Neo H Mini PC – the high-performance workhorse you can rely on.

Unmatched industrial performance

Built on the bestselling Neo platform, this machine delivers the raw processing power you need for demanding industrial control, automation, and data-handling applications. The AMD Ryzen™ 5 processor ensures smooth multitasking and responsive operation, even under constant load.

Designed for the factory floor

Every component is chosen for durability. The solid steel chassis is powder-coated to resist wear and tear, while the compact form factor fits neatly into control cabinets or space-constrained workstations. Operating reliably from 0°C to 40°C, it thrives in tough environments.

Connectivity that keeps you productive

With dual-band Wi-Fi, Gigabit Ethernet, USB 3.2, HDMI, and VGA outputs, this mini PC connects effortlessly to displays, peripherals, and networks. No need for extra adapters or hubs – just plug in and get to work.

100% designed and made in India

Proudly engineered and manufactured in India, the Neo H offers the quality assurance and supply-chain resilience that local industry demands. It's built to be a long-term partner, not just a short-term purchase.

Why choose the Thinvent Neo H

- Exceptional processing power for industrial control and automation
- Rugged steel construction with powder-coated finish for long life
- Extensive connectivity – wired and wireless, legacy and modern ports
- Compact footprint that saves valuable bench or cabinet space
- Full confidence with BIS, RoHS, and ISO certifications
- Comes complete with Thinvent keyboard and mouse, ready to run on FreeDOS

Upgrade your operations with the mini PC that's built to work as hard as you do. The Thinvent Neo H – power, reliability, and Indian engineering in one compact package.

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	256 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	FreeDOS

Thinvent Neo H Mini PC

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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