Thinvent Neo H Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

8GB DDR4 RAM

1TB HDD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-R5_7-8-H1024-19_3-X-W_OS-KM



Uncompromising power for the toughest industrial environments

Why the Neo H is the perfect choice for your next deployment

- Its six-core AMD Ryzen 5 processor delivers the muscle you need to run demanding control systems, data acquisition, and automation software without a hitch
- With a generous array of ports – including HDMI, VGA, dual USB 3.2 and USB 2.0, plus Gigabit Ethernet – you can connect legacy and modern equipment simultaneously, reducing integration headaches
- The solid steel chassis, powder coated in black, is built to withstand the bumps, vibrations, and long hours of a factory floor or workshop
- Designed and made entirely in India, it offers reliable local support and supply chain reassurance for mission-critical projects
- Supplied without an operating system, you have complete freedom to install your own OS – whether that be Windows, Linux, or a custom embedded build – ensuring your software environment is exactly as required
- Includes a full-sized keyboard and mouse, so you can set up and start working straight out of the box
- Despite its robust footprint, the Neo H remains a compact mini PC, saving valuable desk or rack space while providing the performance of a much larger machine
- Ideal for industrial control, SCADA systems, edge computing, and any application where consistent, long-life computing is non-negotiable



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
HDD Storage	1024 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

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	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	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	
	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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