Thinvent Neo H Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

8GB DDR5 RAM

32GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-CU5_14L-8_5-S32T-12_7-M-11P-0



Unleash industrial computing power, born and built in India.

Thinvent Neo H Mini PC: The Industrial Workhorse

Meet the powerhouse of our bestselling Neo series. Engineered for demanding environments, the Neo H delivers robust performance in a compact, steel-clad chassis. This isn't just a mini PC; it's a reliable partner for your most critical industrial operations.

Built to Perform and Endure

- Experience seamless control for industrial automation, digital signage, and machine monitoring with its high-performance processor.
- Rely on rock-solid stability with a 100% Indian-designed solid steel build, made to withstand challenging conditions.
- Connect everything you need with a wealth of ports, ensuring effortless integration into existing systems and networks.
- Deploy with absolute confidence, backed by industrial certifications and the proven reliability of the Thinvent name.

Choose the Thinvent Neo H for applications where failure is not an option. It’s the robust, high-performance foundation for a smarter, more connected industrial workspace.



Thinvent Neo H Mini PC

Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	32 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-cu5_14l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

RAM	**8_5** = 8GB DDR5	**16_5** = 16GB DDR5	**32_5** = 32GB DDR5	**32_32_5** = 64GB DDR5 RAM (2 x 32GB)
	16_16_5 = 32GB DDR5 RAM (2 x 16GB)	**8_8_5** = 16GB DDR5 RAM (2 x 8GB)		
SSD	**m128** = 128GB		**m256** = 256GB	
	m512 = 512GB		**m1024** = 1TB	
	m2048 = 2TB		**S32** = 32GB MLC	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 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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