



Thinvent Neo H Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM

32GB MLC SSD

Dual Band WiFi

Windows 11 Professional

SKU: H-CU5_14L-32_5-S32-12_5-M-11O-0



Unleash the Powerhouse for Your Toughest Challenges

Introducing the Thinvent® Neo H Mini PC, your ultimate industrial computing solution. This isn't just another computer; it's an industrial workhorse, built from solid steel and designed for relentless performance. If your operations demand unwavering reliability and robust connectivity, look no further.

Command Your Industrial Environment

Engineered for demanding control applications, the Neo H Mini PC ensures your critical processes run seamlessly. Experience the peace of mind that comes with a machine built to withstand the rigours of industrial settings, keeping your operations on track, day in and day out.

Connect with Confidence

Its versatile design offers a wealth of connectivity options, making integration into your existing infrastructure effortless. From factory floors to complex control rooms, the Neo H Mini PC provides the stable and secure platform you need to drive efficiency and innovation.

Built to Last, Built for India

Proudly designed and manufactured in India, the Neo H Mini PC embodies quality and resilience. Its substantial steel build is testament to its industrial-grade durability, ready to be the reliable backbone of your most important applications.

The High Performance evolution of our most popular model, the Neo H Mini PC, delivers the processing power and memory capacity you need to conquer complex tasks and keep your business ahead.

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	32 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	5 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	1.73kg, 2.14kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]

RAM	8_5 = 8GB DDR5	16_5 = 16GB DDR5	32_5 = 32GB DDR5	32_5_32_5 = 64GB DDR5 RAM (2 x 32GB)
	16_5_16_5 = 32GB DDR5 RAM (2 x 16GB)			
SSD	m128 = 128GB	m256 = 256GB		
	m512 = 512GB	m1024 = 1TB		
	m2048 = 2TB	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		
	110 = Windows 11 Professional	Thinix = Thinix™ 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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