



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

2TB SSD

No WiFi

Windows 11 Pro

SKU: H-CU5_14L-8_5-M2048-12_5-X-11P-0



Engineered for Endurance, Born for Industry.

Meet the Thinvent® Neo H Mini PC: the high-performance evolution of our bestselling platform. As our most capable industrial computer, it delivers robust, reliable power for the most demanding control and automation tasks. This is a true workhorse, built from the ground up for environments where failure is not an option.

Built to Lead

- Experience seamless control for complex industrial applications, from machine interfacing to process monitoring.
- Rely on steadfast, 24/7 operation with a solid steel chassis that shrugs off the rigours of the shop floor.

- Connect everything you need with abundant ports and dual LAN for versatile system integration and network redundancy.
- Deploy with absolute confidence, powered by a processor designed for efficient performance in dedicated industrial roles.

Proudly Provenance

This isn't just assembled in India; it's 100% designed and made here, supporting local industry and engineered for your specific challenges. The Neo H combines formidable processing muscle with legendary Thinvent durability, offering a future-proof solution that simply works. Choose the industrial mini PC that works as hard as you do.



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	2048 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

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 Pro
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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

m512 = 512GB

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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