



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

32GB DDR4 RAM (2 x 16GB)

512GB SSD

No WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I5_12L-16_16-M512-12_5-X-11P-KM



Engineered for relentless industrial performance.

The Thinvent Neo H Mini PC is our most powerful and robust model, built to master demanding environments. This industrial workhorse thrives where it matters most, offering unwavering reliability for critical control systems and automation tasks.

Uncompromising power for mission-critical tasks

- Experience smooth, lag-free operation for complex industrial software and real-time monitoring applications.
- Benefit from exceptional multi-tasking capability, easily handling multiple processes simultaneously without slowdown.

- Rely on robust dual Ethernet connectivity for seamless network integration and stable data transfer in plant-floor settings.
- Enjoy the peace of mind that comes with a solid steel chassis, built to withstand the rigours of 24/7 industrial use.
- Deploy with confidence using the familiar and professional Windows 11 Pro environment, ready for your specialised software.

Proudly 100% designed and made in India, the Neo H delivers formidable computing power in a compact, durable form. It's the steadfast digital core for your most challenging industrial applications.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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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	2.24kg, 2.66kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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Ordering Information

PRODUCT CODE

H-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)	32 = 32GB DDR4
SSD	m128 = 128GB m512 = 512GB S32 = 32GB MLC S256 = 256GB		m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux		w_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse		KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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