



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 IoT Value

DB9 Serial

SKU: H-I5_12L-16-M256-12_7-X-11V-1S



Engineered for the most demanding industrial environments.

Uncompromising Power, Built to Last

Experience the pinnacle of performance with the Thinvent® Neo H. This isn't just a mini PC; it's a robust industrial workhorse designed to drive your most critical control systems and applications without faltering. Its powerful processing muscle effortlessly handles complex tasks, ensuring smooth, uninterrupted operation where reliability is non-negotiable.

Built for Rugged Reliability

Forged from solid steel and proudly 100% designed and made in India, the Neo H is built to withstand the rigours of the factory floor. Its resilient construction guarantees durability in challenging conditions, providing a steadfast computing core you can depend on day in and day out.

Seamless Industrial Integration

This powerhouse is engineered for connectivity. With dual LAN ports for network redundancy and a dedicated serial port for legacy equipment, the Neo H seamlessly integrates into your existing industrial ecosystem. It's the perfect central brain for automation, machine control, and digital signage, offering the versatile links you need without compromise.

Choose the Neo H for a foundation of robust, high-performance computing that simply gets the job done, year after year.



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	16 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE	
H-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB 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 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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