



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 64GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 IoT Value

## DB9 Serial

SKU: H-I5\_12L-64-M1024-12\_7-M-11V-1S



Engineered for the relentless demands of industrial environments: The Thinvent® Neo H Mini PC.

### Powering Progress, Made in India

This is the high-performance heart of your operation. As our most robust Neo model, it's 100% designed and built in India to deliver unwavering reliability where it matters most. Its solid steel construction isn't just durable—it's a promise of steadfast performance on the factory floor.

### Unmatched Connectivity for Industrial Control

Forget compatibility headaches. This industrial workhorse comes ready to connect with a host of legacy and modern systems right out of the box. Its unique blend of ports ensures seamless integration into your existing setup, making it the perfect central brain for complex control applications.

### Your Reliable Automation Partner

- Deploys effortlessly into diverse industrial landscapes, from manufacturing lines to kiosks.
- Handles multiple data streams and control tasks simultaneously without breaking a sweat.
- Delivers the consistent, day-in-day-out performance that keeps your processes running smoothly.
- Built with a rugged, powder-coated steel chassis to withstand challenging conditions.

Choose the Neo H Mini PC. It's more than a computer; it's the dependable, high-powered foundation for your most critical 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	64 GB
SSD Storage	1024 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
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	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	
<b>H-i5_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>	
<b>RAM</b>	<b>4</b> = 4GB DDR4 <b>8</b> = 8GB DDR4 <b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4 <b>64</b> = 64GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m256</b> = 256GB <b>m32</b> = 32GB <b>m512</b> = 512GB <b>m1024</b> = 1TB <b>S32</b> = 32GB MLC <b>S128</b> = 128GB <b>S256</b> = 256GB
<b>Wireless</b>	<b>m</b> = Dual Band WiFi <b>X</b> = No WiFi
<b>OS</b>	<b>DOS</b> = DOS <b>W_OS</b> = Without OS <b>11V</b> = Windows 11 IoT Value <b>11P</b> = Windows 11 Pro <b>Thinix</b> = Thinix™ Embedded Linux <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>KM</b> = Keyboard and Mouse set <b>1S</b> = DB9 Serial <b>MK</b> = Mechanical Keyboard <b>Mo</b> = Wired Optical Scroll Mouse

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