



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## Dual LAN

## 4GB DDR4 RAM

## 256GB SSD

## No WiFi

## Thinix Embedded Linux

## DB9 Serial

SKU: H-I5\_12L-4-M256-12\_7-X-THINUX-1S



Engineered for the relentless demands of industry.

The Neo H Mini PC: Where robust performance meets unwavering reliability. This is our pinnacle industrial computing platform, crafted from the ground up to thrive where ordinary PCs falter.

### Unmatched Durability & Performance

- Built with a solid steel chassis, it's engineered to withstand the vibrations and rigours of the factory floor or control room.
- Powered by a high-performance processor to effortlessly manage complex industrial automation, real-time monitoring, and data acquisition tasks.
- Its 100% Indian design and manufacturing ensures a product built for local conditions with uncompromising quality.

### Total Connectivity & Control

- Dual Ethernet ports provide critical network redundancy for always-on operations or to segregate control and data networks.
- Legacy serial connectivity ensures seamless integration with PLCs, sensors, and decades-old machinery without costly adaptors.
- The pre-installed, lightweight Thinix™ operating system is tailored for stability, security, and running your essential industrial applications.

### A True Industrial Workhorse

From production line control and HMI stations to digital signage in harsh environments, the Neo H delivers dependable operation day in, day out. It's the powerful, connected, and rugged brain your most critical applications deserve. Choose the powerhouse built to last. Choose Thinvent.



## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	256 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
Serial Port	1 DB9 male RS232

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### POWER

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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

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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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

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Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## 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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