



## 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

### 128GB SSD

### Dual Band WiFi

### Ubuntu Linux

### DB9 Serial

SKU: H-I5\_12L-64-M128-12\_7-M-U-1S



Unleash formidable industrial power in a compact steel fortress.

The Neo H: Our most powerful, purpose-built industrial mini PC. Engineered for the most demanding control and automation tasks, this robust workhorse thrives where others falter. It's the high-performance heart for your critical operations.

#### Built for relentless duty

- Conquer complex computational tasks with smooth, uninterrupted processing power.
- Connect and command a vast array of legacy and modern industrial equipment seamlessly.

- Deploy with absolute confidence in harsh environments, thanks to its solid steel construction.
- Simplify integration with versatile connectivity designed for real-world industrial panels and systems.
- Rely on stable, secure open-source operation, free from licensing headaches.

Proudly designed and made in India, the Neo H isn't just a computer; it's a dependable partner for your most ambitious industrial projects.

# Thinvent Neo H Mini PC



## 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	64 GB
SSD Storage	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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	Ubuntu Linux 24.04 LTS
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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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