



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

## 32GB DDR4 RAM

## 256GB SSD

## No WiFi

## Windows 11 Pro

## DB9 Serial

SKU: H-I3\_12L-32-M256-12\_5-X-11P-1S



Power Your Industrial Vision with the Neo H Mini PC.

The next generation of industrial computing has arrived. The Thinvent Neo H Mini PC is our high-performance powerhouse, engineered in India for relentless reliability in demanding environments. It's the robust brain your critical operations deserve.

### Built for the Long Haul

- Features a solid steel chassis with a powder-coated finish for superior durability against dust, vibration, and harsh conditions.
- 100% designed and made in India, ensuring quality and support you can trust.
- Its compact, industrial-grade form factor saves valuable panel or desk space without compromising on power.

### Connectivity at Its Core

- Dual Gigabit Ethernet ports provide robust and reliable network connectivity for seamless data transfer and system integration.

- The integrated DB9 serial port offers legacy compatibility for industrial machinery, PLCs, and specialised equipment.
- Multiple display outputs, including HDMI and VGA, allow for flexible monitoring and control setups.

### Your Industrial Workhorse

- Equipped with a powerful Intel Core processor to smoothly handle industrial control software, data logging, and automation tasks.
- Delivers steadfast performance for 24/7 applications, from factory floor monitoring to digital signage and kiosk management.
- Comes pre-installed with Windows 11 Pro for a familiar, secure, and professional operating environment right out of the box.

Choose the Neo H Mini PC. It's more than a computer; it's the dependable foundation for your most critical industrial applications.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 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
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### POWER

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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

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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	1.69kg, 2.11kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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## Ordering Information

### PRODUCT CODE

**H-i3\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<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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