



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Pro

SKU: H-I5\_13-8-M256-12\_5-X-11P-0



Unleash Industrial Power in a Compact Form Factor.

Introducing the Thinvent Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse, 100% designed and made in India, is engineered for demanding applications like industrial control, offering unparalleled reliability and power in a solid steel build.

### Exceptional Performance

- Experience raw processing might with the Intel Core i5-1335U processor, featuring 10 cores and turbo speeds up to 4.6 GHz.
- A substantial 12 MB cache boosts efficiency for data-intensive operations.
- 16GB DDR4 RAM ensures seamless multitasking, keeping your critical applications running smoothly.
- Pre-loaded with Microsoft Windows 11 Pro, providing a secure and familiar operating environment.

### Built for Unwavering Reliability

- The robust 32GB MLC SSD offers enduring storage, optimized for industrial use cases with high read/write cycles.
- Encased in a solid steel housing with a durable black power coating, designed to withstand harsh environments.

- Operates reliably across temperatures from 0°C to 40°C and humidity from 20% to 80% RH.
- Backed by BIS, RoHS, and ISO certifications, guaranteeing quality and compliance.

### Industrial-Grade Connectivity

- A host of connectivity options including 2x USB 3.2 and 2x USB 2.0 for peripheral integration.
- Versatile display outputs with 1x HDMI and 1x VGA for monitoring and control systems.
- Crystal-clear audio support with dedicated Speaker Out and Mic In ports.
- Gigabit Ethernet (1000 Mbps) provides rock-solid, high-speed network communication, vital for industrial control.
- Powered efficiently by a 12V 7A adapter with a 2-meter cable for flexible deployment.
- Its compact 210mm x 202mm x 80mm dimensions ensure easy integration into existing setups.

The Thinvent Neo H Mini PC is your resilient, high-performance solution, proudly made in India for mission-critical industrial applications.





# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	8 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
USB 2.0	2

### NETWORKING

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Ethernet	1000 Mbps
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### 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	1.62kg, 2.04kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 Pro
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## Ordering Information

PRODUCT CODE			
<b>H-i5_13-[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>64</b> = 64GB DDR4		<b>32</b> = 32GB 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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