



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Without OS

SKU: H-I5\_13-16-M128-12\_5-M-W\_OS-0



Thinvent® Neo H: The high-performance industrial workhorse, engineered for excellence.

Elevate your operations with the Thinvent® Neo H Mini PC, the high-performance evolution of our best-selling Neo model. As our largest and most robust offering, this 100% Designed and Made in India powerhouse combines unparalleled processing might with industrial-grade durability, making it perfect for demanding industrial control and similar critical applications.

### Unrivalled Performance

- Experience lightning-fast responsiveness with the Intel® Core™ i5-1335U processor, featuring 10 cores, a blistering 4.6 GHz max frequency, and a 12 MB cache.
- Seamlessly run intensive applications and manage complex tasks with a massive 32GB DDR4 RAM.
- Benefit from rapid boot times and reliable data access thanks to the enduring 32GB MLC SSD, built for consistent performance.

### Robust Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a lightning-fast 1000 Mbps Ethernet port.
- Versatile display options include 1 HDMI and 1 VGA port.

- Connect all your peripherals with 2 USB 3.2 and 2 USB 2.0 ports.
- Integrated audio with 1 Speaker Out and 1 Mic In provides comprehensive multimedia support.

### Built for the Toughest Environments

- Housed in a solid black steel chassis with a durable power coating, designed to withstand rigorous industrial conditions.
- Operates reliably across temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO standards for quality and compliance.
- Powered by a stable 12V 7A adapter with a wide 100~275V AC input, ensuring reliable operation with a 2-metre cable length.

### Flexible Deployment

- This unit comes Without OS, offering you the freedom to install your preferred operating system or specialized industrial software for maximum customization.

### Physical Specifications

- Dimensions: 210mm × 202mm × 80mm

# 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	16 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
USB 2.0	2

### NETWORKING

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Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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	Without OS
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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>Thinux</b> = Thinux™ 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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