



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## DOS

## Thinvent Keyboard and Mouse set

SKU: H-I3\_13-16-M1024-12\_5-X-DOS-KM



### Thinvent® Neo H Mini PC: Your Industrial Powerhouse.

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding industrial applications and built to last, this compact yet powerful machine is designed and manufactured in India, reflecting our commitment to quality and innovation.

#### Unleash Productivity

- Powered by the Intel® Core™ i3-1315U processor with 6 cores and a turbo boost up to 4.5 GHz, and featuring 10 MB of cache, this PC handles complex tasks with ease.
- Multitask seamlessly with 8GB DDR4 RAM, ensuring smooth operation even under heavy loads.
- Store your essential data and applications on the speedy 256GB SSD for rapid boot-ups and file access.

#### Versatile Connectivity

- Connect to a wide range of displays using both HDMI and VGA ports.
- Enjoy crisp audio with the dedicated Speaker Out and easily connect your microphone via Mic In.

- Expand your peripherals with two USB 3.2 ports for high-speed data transfer and two USB 2.0 ports for everyday devices.
- Benefit from a reliable 1000 Mbps Ethernet connection for uninterrupted networking.

#### Built for the Tough Environment

- The robust steel housing, finished in a durable black powder coating, ensures longevity in industrial settings.
- Operates efficiently within a wide temperature range of 0°C to 40°C and humidity of 20% to 80% RH.
- Includes a 12V 7A adapter with a 2-meter cable for flexible placement.
- Compliant with BIS, RoHS, and ISO certifications, guaranteeing quality and safety.

#### Included Accessories

- FreeDOS operating system for immediate use.
- Thinvent® Keyboard and Mouse set to get you started.

Dimensions: 210mm × 202mm × 80mm.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	1024 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	2.14kg, 2.56kg

### ACCESSORIES

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Keyboard and Mouse	1
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### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE			
<b>H-i3_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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