

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 8GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## DOS

SKU: H-I5\_13-8-M128-12\_5-M-DOS-0



## Unleash Industrial Power: The Neo H Mini PC Redefined.

Introducing the Thinvent® Neo H Mini PC: the high-performance evolution of our bestselling Neo series, engineered as a true industrial workhorse. This largest and most robust model in our lineup combines unparalleled power with a host of connectivity options, making it the ideal solution for demanding industrial control and specialized applications. 100% designed and made in India, its solid steel construction ensures unwavering reliability in any environment.

### Core Performance

- Experience exceptional speed with the Intel® Core™ i5-1335U processor, featuring 10 cores and burst speeds up to 4.6 GHz.
- A generous 12 MB cache ensures seamless multitasking and rapid data access for critical operations.

### Memory & Storage

- 8GB DDR4 RAM provides a stable foundation for your applications.
- Boot up instantly and load programs in a flash with the responsive 128GB SSD.

### Connectivity Hub

- Versatile display options with 1x HDMI and 1x VGA ports.
- Ample peripheral support via 2x USB 3.2 and 2x USB 2.0 ports.
- Stay reliably connected with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).
- Integrated speaker out and mic in for complete audio functionality.

### Built for Endurance

- Housed in robust power-coated black steel, measuring 210mm x 202mm x 80mm.
- Operates flawlessly in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.
- Certified with BIS, RoHS, and ISO for guaranteed quality and safety.

### Optimized Power

- Efficient 12V 7A adapter with wide 100~275V AC input compatibility and a 2-meter cable.

### Flexible Operating System

- Comes with FreeDOS, ready for your custom OS or industrial software deployment.

# 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	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	FreeDOS
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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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