



# Thinvent Neo H Mini PC

## Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

## 64GB DDR4 RAM

## 1TB SSD

## Dual Band WiFi

## Windows 11 IoT Value

SKU: H-I5\_13-64-M1024-12\_5-M-11V-0



### Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Discover the High Performance version of our bestselling Neo, an industrial workhorse meticulously designed and 100% made in India. As our largest product, it combines robust capability with a solid steel build, engineered for demanding industrial control and similar applications.

#### Unrivaled Performance for Critical Tasks

- Experience relentless processing with the Intel® Core™ i5-1335U processor, featuring 10 cores, speeds up to 4.6 GHz, and a substantial 12 MB cache, ensuring swift multi-tasking and responsiveness.
- Seamlessly manage applications with 4GB DDR4 RAM.
- Benefit from lightning-fast boot times and expansive storage for your data with a 1TB SSD.

#### Robust Connectivity & Reliability

- Flexible display options with dedicated HDMI and VGA ports.

- Comprehensive connectivity including 2x USB 3.2, 2x USB 2.0, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac) for steadfast networking.
- Integrated speaker out and mic in ports offer versatile audio capabilities.
- Powered by a resilient 12V 7A adapter with wide 100~275V AC input tolerance, ensuring stable operation.

#### Engineered for Durability

- Housed in a durable black powder-coated steel chassis, built to withstand challenging industrial environments (0°C ~ 40°C operating temperature, 20% ~ 80% RH non-condensing humidity).
- Certified with BIS, RoHS, and ISO for quality assurance and compliance.
- Comes pre-installed with Windows 11 IoT Enterprise LTSC 2024 Value, providing a secure, stable, and long-term supported operating system tailored for industrial deployments.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	1024 GB

### DISPLAY

HDMI	1
VGA	1

### AUDIO

Speaker Out	1
Mic In	1

### CONNECTIVITY

USB 3.2	2
USB 2.0	2

### NETWORKING

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

### POWER

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

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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>64</b> = 64GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4 <b>32</b> = 32GB DDR4
<b>SSD</b>	<b>m128</b> = 128GB <b>m32</b> = 32GB <b>m1024</b> = 1TB <b>S128</b> = 128GB		<b>m256</b> = 256GB <b>m512</b> = 512GB <b>S32</b> = 32GB MLC <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>11V</b> = Windows 11 IoT Value <b>Thinux</b> = Thinux™ Embedded Linux		<b>W_OS</b> = Without OS <b>11P</b> = Windows 11 Pro <b>U</b> = Ubuntu Linux
<b>Accessories</b>	<b>0</b> = None <b>1S</b> = DB9 Serial <b>Mo</b> = Wired Optical Scroll Mouse		<b>KM</b> = Keyboard and Mouse set <b>MK</b> = Mechanical Keyboard

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