



# Thinvent Neo H Mini PC

## Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

## 64GB DDR4 RAM

## 128GB SSD

## No WiFi

## Windows 11 IoT Value

SKU: H-I3\_13-64-S128-12\_5-X-11V-0



The Neo H: Unyielding Industrial Performance, Engineered in India.

Experience the pinnacle of industrial computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. As our largest and most robust offering, this industrial workhorse is engineered to dominate demanding applications, proudly 100% designed and made in India, featuring a solid steel build.

### Unrivaled Power & Speed

- At its core, an Intel® Core™ i3-1315U processor with 6 cores, clocking up to 4.5 GHz and featuring a 10 MB cache, delivers exceptional processing power.
- Tackle intensive tasks and run multiple applications simultaneously with a massive 32GB DDR4 RAM.
- Enjoy lightning-fast boot times and rapid data access from the 256GB SSD storage.

### Robust Connectivity & Durability

- Connect effortlessly with a host of options including 2x USB 3.2, 2x USB 2.0, 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, and a reliable 1000 Mbps Ethernet port for secure wired networking (No WiFi).
- Housed in a solid steel enclosure with a resilient black powder coating, the Neo H is built to endure, measuring a compact 210mm × 202mm × 80mm.
- Designed for challenging environments, it operates reliably from 0°C to 40°C and 20% to 80% non-condensing humidity.
- Power it securely with the included 12V 7A adapter, 2 Metre cable, and a wide 100~275V AC input range.

### Optimized for Industry

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, ensuring a stable, secure, and dedicated platform for industrial control and similar applications.
- BIS, RoHS, and ISO certifications guarantee quality and compliance.



# 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	64 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
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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 IoT Enterprise LTSC 2024 Value
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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>32</b> = 32GB DDR4 <b>64</b> = 64GB 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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