



# Thinvent Neo H Mini PC

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## Dual LAN

## 16GB DDR4 RAM

## 512GB SSD

## No WiFi

## Windows 11 IoT Value

## DB9 Serial

SKU: H-I3\_12L-16-M512-12\_7-X-11V-1S



Unleash industrial reliability in a compact powerhouse.

### Built for Demanding Environments

The Thinvent® Neo H Mini PC is the high-performance evolution of our bestselling Neo series. Designed as an industrial workhorse, its robust solid steel construction ensures it thrives where others falter, from factory floors to control rooms.

### Engineered for Continuous Operation

This isn't just a computer; it's a dedicated solution for critical applications. With its powerful processing core and generous memory configuration, it effortlessly handles industrial control systems, machine automation, and digital signage, delivering smooth, uninterrupted performance day in and day out.

### Connect and Control with Confidence

Simplify your setup with a host of legacy and modern connectivity options. Dual Ethernet ports provide network redundancy for vital operations, while the built-in serial port ensures seamless integration with specialised industrial equipment, eliminating the need for cumbersome adapters.

### 100% Designed and Made in India for Indian Industry

Proudly conceived and manufactured locally, the Neo H is built to understand and withstand the specific challenges of your operational environment. It represents a commitment to quality, durability, and supporting homegrown industrial innovation. Choose the reliable backbone for your most important projects.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	512 GB

### DISPLAY

HDMI	1
VGA	1

### AUDIO

Speaker Out	1
Mic In	1

### CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232
RS485 Option	1

### NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

### POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.79kg, 2.21kg

### OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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## Ordering Information

PRODUCT CODE	
<b>H-i3_12l-[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>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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