



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

## 16GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Without OS

SKU: H-I5\_12-16-M128-12\_5-M-W\_OS-0



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

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This industrial workhorse, 100% designed and made in India, is engineered for demanding applications like industrial control, offering unparalleled power and reliability in a robust, compact design.

#### Performance at its Core

Experience blazing-fast processing with the Intel® Core™ i5-1250P processor. Its 12 cores, clocking up to 4.4 GHz and supported by 12 MB of cache, ensure seamless multitasking and powerful execution for your critical operations. Coupled with 8GB DDR4 RAM and a rapid 32GB MLC SSD, this Mini PC delivers quick boot-ups and responsive performance, making it the largest and most powerful in our lineup.

#### Robust Connectivity and Build

Connect with confidence thanks to a host of versatile I/O options, including HDMI and VGA for dual display support, dual USB 3.2 and dual USB 2.0 ports for peripherals, along with Gigabit Ethernet (1000 Mbps) and dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking. Built from solid steel (210mm × 202mm × 80mm) with a durable powder-coated black finish, the Neo H withstands challenging environments, operating reliably from 0°C to 40°C with 20% ~ 80% RH.

#### Uncompromised Flexibility and Quality

Power your operations with its robust 12V 7A adapter (100~275V AC input, 2 Metre cable). Offered without an operating system, it provides the flexibility to install your preferred OS. Rest assured of its quality and compliance, backed by BIS, RoHS, and ISO certifications.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 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	1.73kg, 2.14kg

### OPERATING SYSTEM

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Operating System	Without OS
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## Ordering Information

PRODUCT CODE	
<b>H-i5_12-[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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