



# Thinvent Neo H Mini PC

## Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

32GB MLC SSD

No WiFi

Without OS

SKU: H-I5\_12-16-S32-12\_5-X-W\_OS-0



## Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC: Your Ultimate Industrial Workhorse, proudly designed and made in India. This is the high-performance evolution of our bestselling Neo model, engineered for demanding industrial control and similar applications.

### Processor Powerhouse

Experience unparalleled performance with the Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz with a 12 MB cache. This configuration ensures lightning-fast multitasking and effortless handling of complex operations.

### Robust Memory and Storage

Equipped with 8GB of DDR4 RAM for seamless application switching and a spacious 512GB SSD for rapid data access and storage.

### Extensive Connectivity

Connect all your peripherals with ease. Features include

- 1 HDMI port
- 1 VGA port
- 1 Speaker Out

- 1 Mic In
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- 1000 Mbps Ethernet for reliable network connections

### Built for Durability

Crafted with a solid steel housing in a sleek black powder-coated finish, the Neo H Mini PC is built to withstand tough environments. Its compact dimensions (210mm x 202mm x 80mm) make it ideal for space-constrained settings.

### Reliable Power and Operation

Includes a 12V 7A adapter with a 2-meter cable, compatible with 100~275 Volts AC power input. Operates reliably in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.

### Certifications and Flexibility

BIS, RoHS, and ISO certified for quality assurance. Supplied without an operating system, giving you the flexibility to install your preferred software.



# 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	32 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	1.73kg, 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

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
 #11 Sports Complex  
 Salvador Do Mundo  
 North Goa - 403101, India

**Sales**  
 UGF-10-A Omaxe Gurgaon Mall  
 Sector 49, Sohna Road  
 Gurgaon - 122018, India

