



## Thinvent Neo H Mini PC

### Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

### Dual LAN

### 8GB DDR4 RAM

### 1TB SSD

### Dual Band WiFi

### Windows 11 IoT Value

### Thinvent Keyboard and Mouse set

SKU: H-I7\_12L-8-M1024-12\_7-M-11V-KM



Unleash industrial-grade performance in a compact powerhouse.

The Neo H Mini PC: Engineered for the relentless demands of modern industry. As the high-performance champion of our bestselling Neo line, this robust workhorse delivers seamless multitasking and rapid data processing to keep your most critical applications running without a hitch.

#### Ideal for demanding environments

- Perfect for industrial control systems, digital signage, and automation hubs where reliability is non-negotiable.

- Its solid steel construction ensures unwavering durability in challenging conditions, from factory floors to kiosks.
- Dual LAN ports provide essential network redundancy and flexible connectivity for complex setups.
- Ready to work straight out of the box with a complete Windows 11 IoT operating system and bundled keyboard and mouse.

Built for endurance and proudly made in India, the Neo H is the trusted, powerful core for your essential operations.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	1024 GB

### DISPLAY

HDMI	1
VGA	1

### AUDIO

Speaker Out	1
Mic In	1

### CONNECTIVITY

USB 3.2	2
RS485 Option	1

### NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

### 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	2.34kg, 2.76kg

### ACCESSORIES

Keyboard and Mouse	1
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### OPERATING SYSTEM

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

PRODUCT CODE	
<b>H-i7_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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