



## 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

### 256GB SSD

### Dual Band WiFi

### Without OS

SKU: H-I7\_12L-8-M256-12\_7-M-W\_OS-0



Unleash the power of industrial computing.

The Neo H is the high-performance workhorse engineered for demanding environments. Built for relentless operation, it tackles complex industrial control, digital signage, and automation tasks with unwavering reliability.

#### Industrial-Grade Resilience

- Engineered with a solid steel chassis and fanless design to withstand dust, vibration, and extreme temperatures.
- Its robust build ensures 24/7 uptime in the most challenging factory floors or kiosk installations.

#### Uncompromised Connectivity and Control

- Offers extensive legacy and modern ports to seamlessly integrate with a vast array of machinery, monitors, and peripherals.
- Dual Gigabit LAN ports provide critical network redundancy and fast data transfer for smooth system operation.

#### Trusted Performance, Built in India

- Delivers the serious processing power needed for multitasking and data-heavy applications without compromise.
- 100% designed and made in India, offering a dependable, locally-supported solution for the nation's industrial backbone.

# 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     | 256 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 | 1.82kg, 2.24kg        |

### OPERATING SYSTEM

|                  |            |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

## Ordering Information

## PRODUCT CODE

H-i7\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                                                            |                                                                |                |                |
|-------------|----------------------------------------------------------------------------|----------------------------------------------------------------|----------------|----------------|
| RAM         | 4 = 4GB DDR4<br>64 = 64GB DDR4                                             | 8 = 8GB DDR4                                                   | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| SSD         | m128 = 128GB<br>m32 = 32GB<br>m1024 = 1TB<br>S128 = 128GB                  | m256 = 256GB<br>m512 = 512GB<br>S32 = 32GB MLC<br>S256 = 256GB |                |                |
| Wireless    | m = Dual Band WiFi                                                         | X = No WiFi                                                    |                |                |
| OS          | DOS = DOS<br>11V = Windows 11 IoT Value<br>Thinix = Thinix™ Embedded Linux | W_OS = Without OS<br>11P = Windows 11 Pro<br>U = Ubuntu Linux  |                |                |
| Accessories | 0 = None<br>1S = DB9 Serial<br>Mo = Wired Optical Scroll Mouse             | KM = Keyboard and Mouse set<br>MK = Mechanical Keyboard        |                |                |

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