



# Thinvent Neo H Mini PC

## Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

## 8GB DDR3 RAM

## 256GB SSD

## No WiFi

## Windows 11 IoT

## Thinvent Keyboard and Mouse set

SKU: H-B-8\_3-S256-19\_1-X-11I-KM



Unleash Industrial Power: The Reinvented Neo H Mini PC.

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications, offering unparalleled reliability and connectivity.

### Engineered for Excellence

- Processor: Intel® J1900 (4 Cores, up to 2.4 GHz, 2 MB Cache)
- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD

### Seamless Connectivity

- Display Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 1 USB 3.0, 4 USB 2.0
- Networking: 1000 Mbps Ethernet

### Built for the Toughest Environments

- Robust Steel Housing with a sleek black powder coating ensures durability.
- Dimensions: 210mm × 202mm × 80mm
- Power: 12V 5A Adapter, 100~240 Volts AC input.
- Operating Conditions: 0°C ~ 40°C temperature, 20% ~ 80% RH humidity.

### Complete Solution Out of the Box

- Includes Thinvent® Keyboard and Mouse set.
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, optimized for industrial use.
- Certifications: BIS, RoHS, ISO for peace of mind.

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and beyond.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 7th     |
| Series          | Celeron |
| Processor Brand | Intel   |
| Processor Model | J1900   |
| Cores           | 4       |
| Max Frequency   | 2.4 GHz |
| Cache           | 2 MB    |
| Main Memory     | 8 GB    |
| SSD Storage     | 256 GB  |

### DISPLAY

|      |   |
|------|---|
| HDMI | 1 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.0 | 1 |
| USB 2.0 | 4 |

### NETWORKING

|          |           |
|----------|-----------|
| Ethernet | 1000 Mbps |
|----------|-----------|

### POWER

|              |                                           |
|--------------|-------------------------------------------|
| DC Voltage   | 19 Volts                                  |
| DC Current   | 1.3 Amps                                  |
| Power Input  | 100~280 Volts AC, 50 Hz, 0.7 Amps maximum |
| Cable Length | 1.8 Metre                                 |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

|                      |                         |
|----------------------|-------------------------|
| Form Factor          | Mini PC                 |
| Thermal Design       | Fanless Passive Cooling |
| Dimensions           | 210mm × 202mm × 80mm    |
| Packing Dimensions   | 340mm × 235mm × 105mm   |
| Housing Material     | Steel                   |
| Housing Finish       | Powder Coated           |
| Housing Colour       | Black                   |
| Net and Gross Weight | 1.72kg, 2.14kg          |

### ACCESSORIES

|                    |   |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

### OPERATING SYSTEM

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry |
|------------------|-----------------------------------------------------|

## Ordering Information

## PRODUCT CODE

**H-B-[RAM]-[SSD]-19\_1-X-[OS]-[Accessories]**

## RAM

**4\_3** = 4GB DDR3**8\_3** = 8GB DDR3

## SSD

**S32** = 32GB MLC**S128** = 128GB**S256** = 256GB

## OS

**DOS** = DOS**W\_OS** = Without OS**11I** = Windows 11 IoT**11P** = Windows 11 Pro**Thinux** = Thinux™ Embedded Linux**U** = Ubuntu Linux

## Accessories

**0** = None**KM** = Keyboard and Mouse set**1S** = DB9 Serial**MK** = Mechanical Keyboard**Mo** = Wired Optical Scroll Mouse[www.thinvent.in](http://www.thinvent.in)[sales@thinvent.in](mailto:sales@thinvent.in)

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