



# Thinvent Neo H Mini PC

## Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

## 4GB DDR3 RAM

## Dual 128GB SSD

## No WiFi

## Windows 11 Pro

SKU: H-B-4\_3-M128\_S128-19\_3-X-11P-0



Unleash Industrial Power in a Compact Form: The Thinvent® Neo H Mini PC.

Experience the robust performance of the Thinvent® Neo H Mini PC, a High Performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this compact powerhouse is designed and made in India, boasting a solid steel construction for ultimate durability.

### Key Performance Highlights

- Processor: Intel® J1900 (4 cores, up to 2.4 GHz, 2 MB cache) delivers reliable processing for complex tasks.
- Memory: 4GB DDR4 RAM ensures smooth multitasking and efficient operation.
- Storage: A swift 128GB SSD provides rapid boot times and quick data access.

### Extensive Connectivity for Industrial Needs

- Versatile Display Options: 1x HDMI and 1x VGA ports for flexible monitor setups.
- Audio Integration: 1x Speaker Out and 1x Mic In for audio input/output.

- Peripheral Support: 1x USB 3.0 and 4x USB 2.0 ports for all your devices.
- High-Speed Networking: 1000 Mbps Ethernet for stable and fast network connections.

### Built to Last

- Robust Steel Housing: Painted in a sleek black finish for industrial resilience.
- Wide Operating Range: Functions reliably between 0°C and 40°C with 20% to 80% humidity tolerance.
- Certified Quality: BIS, RoHS, and ISO certifications ensure adherence to high standards.

### Included

- 12V 5A Power Adapter (2 Metre cable length) for stable power delivery.
- Microsoft Windows 11 Pro pre-installed for immediate productivity.

Dimensions: 210mm × 202mm × 80mm. This is the industrial workhorse you've been waiting for.



# 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           | 4 GB    |
| SSD Storage           | 128 GB  |
| Secondary SSD Storage | 128 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   | 3 Amps                                       |
| Power Input  | 100~240 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                     |
| Thermal Design       | Fanless Passive Cooling     |
| Dimensions           | 181.5mm × 199.5mm × 72mm    |
| Packing Dimensions   | 340mm × 235mm × 105mm       |
| Housing Material     | Steel base, aluminium cover |
| Housing Finish       | Powder Coated               |
| Housing Colour       | Black                       |
| Net and Gross Weight | 1.57kg, 1.99kg              |

### OPERATING SYSTEM

|                  |                          |
|------------------|--------------------------|
| Operating System | Microsoft Windows 11 Pro |
|------------------|--------------------------|

## Ordering Information

## PRODUCT CODE

H-B-[RAM]-[SSD]-19\_3-X-[OS]-[Accessories]

|             |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RAM         | <b>4_3</b> = 4GB DDR3                                                                                                                                                                                                             | <b>8_3</b> = 8GB DDR3                                                                                                                                                                                             |
| SSD         | <b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB<br><b>m128_S32</b> = 128GB SSD + 32 GB MLC<br><b>S128_S128</b> = 128GB SSD + 128 GB MLC<br><b>S32_S32</b> = 32GB MLC SSD + 32 GB MLC<br><b>n512_h1024</b> = 512GB NVMe SSD + 1TB HDD | <b>S128</b> = 128GB<br><b>m128_S128</b> = Dual 128GB<br><b>S128_S32</b> = 128GB SSD + 32 GB MLC<br><b>m32_S32</b> = 32GB SSD + 32 GB MLC<br><b>h1024</b> = 1TB HDD<br><b>n1024_h1024</b> = 1TB NVMe SSD + 1TB HDD |
| OS          | <b>D0S</b> = DOS<br><b>11I</b> = Windows 11 IoT<br><b>110</b> = Windows 11 Professional<br><b>U</b> = Ubuntu Linux                                                                                                                | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>Thinix</b> = Thinix™ Embedded Linux                                                                                                                 |
| Accessories | <b>0</b> = None<br><b>1S</b> = DB9 Serial<br><b>Mo</b> = Wired Optical Scroll Mouse                                                                                                                                               | <b>KM</b> = Keyboard and Mouse set<br><b>MK</b> = Mechanical Keyboard                                                                                                                                             |

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