



# Thinvent Neo R/4 Mini PC

## Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

**4GB DDR3 RAM**

**32GB MLC SSD**

**No WiFi**

**Windows 11 Pro**

**DB9 Serial**



SKU: R-B-4\_3-S32-19\_1.5-X-11P-1S

## Unleash Compact Power: The Thinvent® Neo R/4 Mini PC

Experience robust performance in an ultra-compact form factor with the Thinvent® Neo R/4 Mini PC. Designed for demanding applications and efficient workspaces, this powerhouse delivers exceptional value and versatility.

### Key Features and Benefits

- Processor Power:
  - Equipped with an Intel® processor J1900, featuring 4 cores and a max frequency of 2.4 GHz with 2 MB cache, ensuring smooth multitasking and responsive performance for your critical tasks.
- Memory and Storage:
  - Comes with 4GB DDR4 RAM for efficient operations and a fast 128GB SSD for rapid boot times and quick application loading.
- Connectivity Galore:
  - Versatile display options with 1 HDMI and 1 VGA port, plus audio in/out for a complete multimedia experience.
  - Ample USB ports for all your peripherals: 1 USB 3.0 and 4 USB 2.0.
  - Integrated 1000 Mbps Ethernet for reliable network connectivity.
- Essential for industrial and legacy systems: 1 DB9 male RS232 serial port.
- Robust and Reliable:
  - Encased in durable black steel with a power coating, built to withstand daily use.
  - Operates reliably in a range of environments with an operating temperature of 0°C ~ 40°C and humidity of 20% ~ 80% RH.
- Compact dimensions (198mm × 200mm × 73mm) and featherlight weight (110 grams) make it ideal for space-constrained installations.
- Powered by a 12V 5A adapter, with universal AC input (100~240 Volts).
- Ready to Go:
  - Ships with Microsoft Windows 11 Pro pre-installed, offering enhanced security and productivity features.
  - Certifications include BIS, RoHS, and ISO for peace of mind.
  - No WiFi included, ensuring dedicated wired network connections for security and stability.



# Thinvent Neo R/4 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     | 32 GB   |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

|             |                  |
|-------------|------------------|
| USB 3.0     | 1                |
| USB 2.0     | 4                |
| Serial Port | 1 DB9 male RS232 |

### NETWORKING

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

### POWER

|              |                                           |
|--------------|-------------------------------------------|
| DC Voltage   | 19 Volts                                  |
| DC Current   | 1.5 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           | 198mm × 200mm × 73mm    |
| Packing Dimensions   | 340mm × 235mm × 105mm   |
| Weight               | 110 grams               |
| Housing Material     | Steel                   |
| Housing Finish       | Powder Coated           |
| Housing Colour       | Black                   |
| Net and Gross Weight | 1.35kg, 1.77kg          |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

**R-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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