



# Thinvent Neo R/4 Mini PC

## Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

## 8GB DDR3 RAM

## 32GB MLC SSD

## No WiFi

## DOS

## Thinvent Keyboard and Mouse set



SKU: R-B-8\_3-S32-19\_3-X-DOS-KM

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

Experience efficiency redefined with the Thinvent® Neo R/4 Mini PC. This compact powerhouse is engineered for seamless multitasking and robust performance, making it the ideal solution for a variety of computing needs. Its sleek, black steel housing, finished with durable powder coating, not only looks professional but is built to last.

### Key Features and Benefits

- Processor Power: Equipped with a quad-core Intel® processor J1900, delivering speeds up to 2.4 GHz with a 2 MB cache for smooth operation.
- Swift Performance: Enjoy rapid boot times and application loading thanks to 4GB of DDR4 RAM and a speedy 128GB SSD.
- Versatile Connectivity: Featuring 1 HDMI and 1 VGA port for flexible display options, 1 USB 3.0 and 4 USB 2.0 ports for all your peripherals, and a 1000 Mbps Ethernet port for reliable networking.

- Essential Audio: Integrated speaker out and mic in ports for your audio needs.
- Included Peripherals: Comes complete with a Thinvent® keyboard and mouse set, ready for immediate use.
- Ready to Go: Pre-loaded with FreeDOS, providing a stable platform for your software installations.
- Reliable Power: Includes a 12V 5A adapter, compatible with 100~240V AC input.

Designed for demanding environments with an operating temperature of 0°C to 40°C and humidity resistance. Certified for BIS, RoHS, and ISO, ensuring quality and compliance. Its surprisingly lightweight design (110 grams) and compact dimensions (198mm x 200mm x 73mm) make it a space-saving marvel.

Upgrade to the Thinvent® Neo R/4 Mini PC for dependable performance and exceptional value.



# 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     | 8 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 |

### 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           | 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 | 1.98kg, 2.40kg          |

### ACCESSORIES

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

### OPERATING SYSTEM

|                  |         |
|------------------|---------|
| Operating System | FreeDOS |
|------------------|---------|

## Ordering Information

## PRODUCT CODE

**R-B-[RAM]-[SSD]-19\_1-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                                              | <b>S128</b> = 128GB                                                                |
| OS          | <b>DOS</b> = DOS<br><b>11I</b> = Windows 11 IoT<br><b>Thinux</b> = Thinux™ Embedded Linux | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu 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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