



# Thinvent Neo R/4 Mini PC

**Intel processor N5095A**

**4 core, up to 2.9 GHz, 4 MB cache**

**16GB DDR4 RAM**

**32GB MLC SSD**

**No WiFi**

**DOS**

**DB9 Serial**



SKU: R-N5-16-S32-12\_7-X-DOS-1S

Engineered for the heart of industry.

## Built to Thrive Where Others Won't

The Thinvent® Neo R/4 is a steadfast digital workhorse designed for demanding environments. Its compact, rugged steel chassis houses reliable, fanless operation, ensuring silent and durable performance in settings from factory floors to kiosks.

## Unshakeable Reliability for Core Operations

This mini PC delivers consistent, focused computing power for your most critical tasks. It provides a stable and dedicated platform for running specialised software, legacy applications, and industrial control systems without the bloat or vulnerabilities of modern consumer operating systems.

## Perfectly Suited for Your Application

- Acts as a robust controller for manufacturing equipment and automation systems.
- Powers digital signage and interactive kiosks in public spaces with unwavering stability.
- Serves as a dedicated server for point-of-sale or monitoring applications.
- Provides a dependable interface for machinery using legacy serial connections.

Choose the Neo R/4 for a no-nonsense computing solution that puts rugged dependability first. It's the solid foundation your operational technology needs.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

|                 |         |
|-----------------|---------|
| Generation      | 11th    |
| Series          | Celeron |
| Processor Brand | Intel   |
| Processor Model | N5095A  |
| Cores           | 4       |
| Max Frequency   | 2.9 GHz |
| Cache           | 4 MB    |
| Main Memory     | 16 GB   |
| SSD Storage     | 32 GB   |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

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

### NETWORKING

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

### 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           | 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 | 1.57kg, 1.99kg        |

### OPERATING SYSTEM

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

## Ordering Information

## PRODUCT CODE

R-N5-[RAM]-[SSD]-12\_5-[Wireless]-[OS]-[Accessories]

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

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