# Thinvent Neo R/4 Mini PC

## Intel processor N5095A

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

## 16GB DDR4 RAM

## 1TB HDD

## Dual Band WiFi

## Thinux Embedded Linux

## Thinvent Keyboard and Mouse set

SKU: R-N5-16-H1024-12_5-M-THINUX-KM




Big performance in a tiny package. The Thinvent Neo R/4 Mini PC is the robust, ready-to-run digital heart for any demanding industrial environment. Forget bulky desktops; this compact powerhouse delivers unwavering reliability where space is at a premium and downtime is not an option.

**Perfect for**

- Powering digital signage and interactive kiosks in retail or public spaces.
- Running essential control and monitoring applications on the factory floor.
- Serving as a dedicated, secure workstation for office tasks and communications.
- Managing point-of-sale systems with smooth, consistent operation.

**Why choose the Neo R/4**

Unshakeable reliability: Built with industrial-grade components in a sturdy steel housing, it thrives in challenging conditions where ordinary PCs would fail.

Simplified deployment: Arrives fully equipped with our intuitive Thinux operating system, a keyboard, and mouse—simply plug in and power up your project.

Effortless remote management: Handle updates, troubleshooting, and monitoring from anywhere with our integrated browser-based management tools, slashing maintenance time and costs.

Always-on connectivity: Stay reliably linked with dual-band Wi-Fi and Gigabit Ethernet, ensuring your critical data flows without interruption.

The Neo R/4 is more than a computer; it's a dependable partner engineered for the long haul.



# 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 |
| HDD Storage | 1024 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

| | |
|---|---|
| USB 3.0 | 4 |

### NETWORKING

| | |
|---|---|
| Ethernet | 1000 Mbps |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

| | |
|---|---|
| DC Voltage | 12 Volts |
| DC Current | 5 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 |
| 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 | 1.99kg, 2.41kg |

### ACCESSORIES

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

### OPERATING SYSTEM

| | |
|---|---|
| Operating System | Thinvent® Thinux™ Embedded Linux |
| OS Features | Chromium and Mozilla Firefox browsers.<br>RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display.<br>Browser based remote management. VNC shadowing.<br>Java, Python and glibc based location application support.<br>LibreOffice and PDF viewer.<br>Multimedia player with MPEG4 support.<br>SIP video and voice over IP. |

# Thinvent Neo R/4 Mini PC

## Ordering Information

PRODUCT CODE

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

| | | | | |
|---|---|---|---|---|
| RAM | **4** = 4GB DDR4 | **8** = 8GB DDR4 | **16** = 16GB DDR4 | **32** = 32GB DDR4 |
| SSD | **m128** = 128GB<br>**m512** = 512GB<br>**m2048** = 2TB<br>**S128** = 128GB<br>**h1024** = 1TB HDD | | **m256** = 256GB<br>**m1024** = 1TB<br>**S32** = 32GB MLC<br>**S256** = 256GB | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS<br>**11I** = Windows 11 IoT<br>**11O** = Windows 11 Professional<br>**U** = Ubuntu Linux | | **W_OS** = Without OS<br>**11P** = Windows 11 Pro<br>**Thinux** = Thinux™ Embedded Linux | |
| Accessories | **0** = None<br>**1S** = DB9 Serial<br>**Mo** = Wired Optical Scroll Mouse | | **KM** = Keyboard and Mouse set<br>**MK** = Mechanical Keyboard | |


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