# Thinvent Neo R/4 Mini PC

## Intel Core i3-1215U processor

**6 core, up to 4.4 GHz, 10 MB cache**

## Dual LAN

## 4GB DDR4 RAM

## 256GB SSD

## No WiFi

## Windows 11 IoT Value

SKU: R-I3_12L-4-S256-12_7-X-11V-0

The power to perform, packed into a palm-sized powerhouse.

Meet the Thinvent® Neo R/4 Mini PC: your compact solution for demanding industrial applications. Engineered for reliability in tough environments, it delivers robust computing performance without the bulk of a traditional desktop.

**Ideal for your business**

- Drives digital signage and interactive kiosks with seamless visuals.
- Forms the dependable heart of point-of-sale systems and retail automation.
- Powers industrial control panels and monitoring stations on the factory floor.
- Serves as a dedicated, space-saving computer for office tasks and thin client setups.

**Built for the long haul**

Its rugged, steel construction ensures durability, while the efficient design operates quietly in constrained spaces. With dual Ethernet ports for robust network connectivity, it's ready to integrate into your existing infrastructure. This is a focused, reliable workhorse that gets the job done, day in and day out.

# Thinvent Neo R/4 Mini PC

## Specifications

### PROCESSING

| | |
|---|---|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 4 GB |
| SSD Storage | 256 GB |

### DISPLAY

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

### AUDIO

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

### CONNECTIVITY

| | |
|---|---|
| USB 3.2 | 2 |
| RS485 Option | 1 |

### NETWORKING

| | |
|---|---|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |

### 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 | 1.68kg, 2.10kg |

### OPERATING SYSTEM

| | |
|---|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |

# Thinvent Neo R/4 Mini PC

## Ordering Information

PRODUCT CODE

`R-i3_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]`

| | | | | |
|---|---|---|---|---|
| RAM | **4** = 4GB DDR4 | **8** = 8GB DDR4 | **16** = 16GB DDR4 | **32** = 32GB DDR4 |
| | **64** = 64GB DDR4 | | | |
| SSD | **m128** = 128GB | | **m256** = 256GB | |
| | **m32** = 32GB | | **m512** = 512GB | |
| | **m1024** = 1TB | | **S32** = 32GB MLC | |
| | **S128** = 128GB | | **S256** = 256GB | |
| Wireless | **m** = Dual Band WiFi | | **X** = No WiFi | |
| OS | **DOS** = DOS | | **W_OS** = Without OS | |
| | **11V** = Windows 11 IoT Value | | **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 | | | |


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