



## 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**

**512GB SSD**

**Dual Band WiFi**

**Windows 11 IoT Value**

SKU: R-I3\_12L-4-M512-12\_7-M-11V-0



## 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     | 512 GB  |

### DISPLAY

---

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

### AUDIO

---

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

### CONNECTIVITY

---

|         |   |
|---------|---|
| USB 3.2 | 2 |
|---------|---|

### NETWORKING

---

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Ethernet Ports      | 2                             |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### 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 |
|------------------|---|

## Ordering Information

### PRODUCT CODE

**R-i3\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

|                    |   |                     |  |                       |
|--------------------|---|---------------------|--|-----------------------|
| <b>RAM</b>         | <b>4</b> = 4GB DDR4<br><b>64</b> = 64GB DDR4  | <b>8</b> = 8GB DDR4 | <b>16</b> = 16GB DDR4  | <b>32</b> = 32GB DDR4 |
| <b>SSD</b>         | <b>m128</b> = 128GB<br><b>m32</b> = 32GB<br><b>m1024</b> = 1TB<br><b>S128</b> = 128GB           |                     | <b>m256</b> = 256GB<br><b>m512</b> = 512GB<br><b>S32</b> = 32GB MLC<br><b>S256</b> = 256GB |                       |
| <b>Wireless</b>    | <b>m</b> = Dual Band WiFi   |                     | <b>X</b> = No WiFi   |                       |
| <b>OS</b>          | <b>DOS</b> = DOS<br><b>11V</b> = Windows 11 IoT Value<br><b>Thinix</b> = Thinix™ Embedded Linux |                     | <b>W_OS</b> = Without OS<br><b>11P</b> = Windows 11 Pro<br><b>U</b> = Ubuntu Linux         |                       |
| <b>Accessories</b> | <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                      |                       |

[www.thinvent.in](http://www.thinvent.in)

[sales@thinvent.in](mailto:sales@thinvent.in)

+91-11-430-77467

 +91-99903-44251

**R&D and Manufacturing**  
#11 Sports Complex  
Salvador Do Mundo  
North Goa - 403101, India

**Sales**  
UGF-10-A Omaxe Gurgaon Mall  
Sector 49, Sohna Road  
Gurgaon - 122018, India

