

Thinvent® Neo R/4 Mini PC, Intel® processor N100 (4 core, up to 3.4 GHz, 6 MB cache), 16GB DDR4 RAM, 1TB SSD, 12V 5A Adapter, No WiFi, Windows 11 IoT, DB9 Serial

SKU: [R-100-16-m1024-12\\_5-X-11I-1S](#)

Thinvent® Neo R/4: Compact Power, Industrial Edge.



## Processing

|               |         |
|---------------|---------|
| Cores         | 4       |
| Max Frequency | 3.4 GHz |
| Cache         | 6 MB    |
| Main Memory   | 16 GB   |
| SSD Storage   | 1024 GB |

## Display

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

## Audio

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

## Connectivity

|               |                  |
|---------------|------------------|
| USB 3.2 Gen 2 | 2                |
| USB 3.2 Gen 1 | 1                |
| USB C         | 1                |
| Serial Port   | 1 DB9 male RS232 |

## Networking

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

## 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

|                  |                      |
|------------------|----------------------|
| Dimensions       | 198mm × 200mm × 73mm |
| Weight           | 110 grams            |
| Housing Material | Steel                |
| Housing Finish   | Power Coating        |
| Housing Colour   | Black                |

## Operating System

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Operating System | Microsoft Windows 11 IoT<br>Enterprise LTSC 2024 Entry |
|------------------|--------------------------------------------------------|