



Thinvent® Neo R/4 Mini PC, Intel® Core™ i5-1250P processor (12 core, up to 4.4 GHz, 12 MB cache), 32GB DDR4 RAM, 256GB SSD, 12V 7A Adapter, Dual Band WiFi, Windows 11 IoT Value, DB9 Serial

SKU: [R-i5\\_12-32-m256-12\\_7-m-11V-1S](#)

Experience uncompromising performance in a surprisingly compact form factor.



## Processing

|               |         |
|---------------|---------|
| Cores         | 12      |
| Max Frequency | 4.4 GHz |
| Cache         | 12 MB   |
| Main Memory   | 32 GB   |
| SSD Storage   | 256 GB  |

## Display

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

## Audio

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

## Connectivity

|             |                  |
|-------------|------------------|
| USB 3.2     | 2                |
| USB 2.0     | 2                |
| Serial Port | 1 DB9 male RS232 |

## Networking

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

|                  |                      |
|------------------|----------------------|
| 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 Enterprise LTSC 2024 Value |
|------------------|-----------------------------------------------------|