



Thinvent® Neo R/4 Mini PC, Intel® Core™ i5-1250P processor (12 core, up to 4.4 GHz, 12 MB cache), 16GB DDR4 RAM, 32GB SSD, 12V 7A Adapter, No WiFi, Ubuntu Linux, DB9 Serial

SKU: R-i5\_12-16-m32-12\_7-X-U-1S

Unleash unparalleled performance in a remarkably compact design.



## Processing

|               |         |
|---------------|---------|
| Cores         | 12      |
| Max Frequency | 4.4 GHz |
| Cache         | 12 MB   |
| Main Memory   | 16 GB   |
| SSD Storage   | 32 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 |
|----------|-----------|

## 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  |
| Packing Dimensions   | 340mm × 235mm × 105mm |
| Weight               | 110 grams             |
| Housing Material     | Steel                 |
| Housing Finish       | Power Coating         |
| Housing Colour       | Black                 |
| Net and Gross Weight | 1.70kg, 2.12kg        |

## Operating System

|                  |                        |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|