

Thinvent® Neo R/4 Mini PC, Intel® processor N100 (4 core, up to 3.4 GHz, 6 MB cache), 8GB DDR4 RAM, 1TB SSD, 12V 2A Adapter, Dual Band WiFi, Ubuntu Linux, DB9 Serial

SKU: [R-100-8-m1024-12\\_2-m-U-1S](#)

Unleash Productivity: Compact Power,  
Uncompromised Performance.



Processing

|               |         |
|---------------|---------|
| Cores         | 4       |
| Max Frequency | 3.4 GHz |
| Cache         | 6 MB    |
| Main Memory   | 8 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                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

Power

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 2 Amps                                       |
| Power Input  | 100~240 Volts AC, 50~60 Hz, 0.9 Amps maximum |
| Cable Length | 1 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|