



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-I3_13-64-S32-12_5-M-11V-0



Unleash Mighty Performance in a Mini Footprint.

Introducing the Thinvent® Neo R/4 Mini PC, a powerhouse engineered for efficiency and reliability in any workspace. Experience robust computing in an ultra-compact design, perfectly suited for modern business, industrial IoT, or advanced home office setups.

Experience Unrivaled Speed and Multitasking

- Powered by the Intel® Core™ i3-1315U processor with 6 cores, 10 MB cache, and burst speeds up to 4.5 GHz, handling demanding applications effortlessly.
- 16GB DDR4 RAM ensures seamless multitasking, keeping your workflow fluid and responsive.
- A blazing-fast 256GB SSD provides instant boot-ups and rapid data access, enhancing productivity.
- Navigate effortlessly with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering enhanced security and long-term support for mission-critical applications.

Versatile Connectivity and Robust Design

- Connect dual displays via HDMI and VGA for an expansive visual workspace.
- Enjoy comprehensive peripheral and audio support with Speaker Out, Mic In, 2 USB 3.2, and 2 USB 2.0 ports.
- Stay connected with lightning-fast 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking.
- Its wide-range 100~275V AC input power adapter ensures global compatibility and consistent 12V 7A DC output.
- Housed in durable, black power-coated steel, this mini PC weighs only 110 grams and measures a mere 198mm x 200mm x 73mm, making it incredibly portable and space-saving.
- Designed for continuous operation from 0°C to 40°C in 20% ~ 80% non-condensing humidity, ensuring reliability in diverse environments.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.

The Thinvent® Neo R/4 is your compact solution for high-performance, dependable computing, built to excel where space is at a premium.



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 64 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 |

NETWORKING

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

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

| | |
|----------------------|-----------------------|
| 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 | 1.52kg, 1.94kg |

OPERATING SYSTEM

| | |
|------------------|---|
| Operating System | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

Ordering Information

| PRODUCT CODE | |
|---|--|
| R-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | |
| RAM | 4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4 |
| SSD | m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB |
| Wireless | m = Dual Band WiFi X = No WiFi |
| OS | DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux U = Ubuntu Linux |
| Accessories | 0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse |

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