



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: R-I5_13-16-M256-12_5-M-11P-1S



Unleash Mighty Performance in a Mini Footprint.

Experience the future of compact computing with the Thinvent® Neo R/4 Mini PC. Engineered for demanding environments and everyday efficiency, this powerhouse redefines performance in a small package.

Unrivaled Performance

- Driven by an Intel® Core™ i5-1335U processor, featuring 10 cores and clocking up to 4.6 GHz with a 12 MB cache, the Neo R/4 delivers lightning-fast multi-tasking and seamless application handling.
- A 128GB SSD ensures rapid boot-ups and swift data access, while 4GB DDR4 RAM keeps your operations smooth.
- Pre-installed with Windows 11 Pro, you get enhanced security, modern productivity features, and a streamlined user experience right out of the box.

Seamless Connectivity

- Stay connected with dual-band Wi-Fi 5 (802.11ac) and a Gigabit Ethernet port for reliable networking.
- Power your workspace with dual display support via HDMI and VGA, complemented by four USB ports (two USB 3.2, two USB 2.0) for all your peripherals.

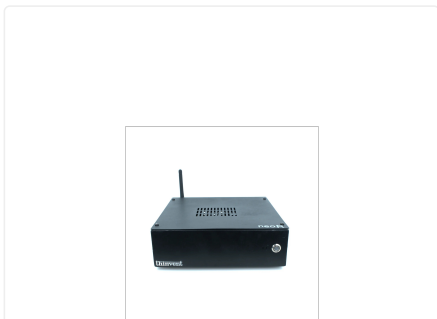
- A dedicated DB9 serial port provides essential connectivity for specialized industrial or legacy devices, making it perfect for POS, automation, and control systems.

Built to Last

- Housed in a durable, powder-coated black steel chassis measuring just 198mm × 200mm × 73mm and weighing an incredibly light 110 grams, this mini PC is designed for longevity and space efficiency.
- Its wide operating temperature (0°C ~ 40°C) and humidity range, alongside BIS, RoHS, and ISO certifications, guarantee reliability in diverse settings.
- Powered by an energy-efficient 12V 7A adapter with a wide 100~275V AC input.

Key Features at a Glance

- Processor: Intel® Core™ i5-1335U (10 core, up to 4.6 GHz, 12 MB cache)
- Memory & Storage: 4GB DDR4 RAM, 128GB SSD
- Operating System: Windows 11 Pro
- Connectivity: Dual Band Wi-Fi 5, Gigabit Ethernet, 2x USB 3.2, 2x USB 2.0, HDMI, VGA, DB9 Serial Port
- Dimensions & Weight: 198mm × 200mm × 73mm, 110 grams
- Housing: Robust Steel with Powder Coating



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 1335U |
| Cores | 10 |
| Max Frequency | 4.6 GHz |
| Cache | 12 MB |
| Main Memory | 16 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 | 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 Pro |
|------------------|--------------------------|

Ordering Information

PRODUCT CODE

R-i5_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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