

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM

1TB SSD

No WiFi

Without OS

DB9 Serial



SKU: R-I3_13-32-M1024-12_5-X-W_OS-1S

Thinvent Neo R/4: Your Compact Powerhouse for Demanding Tasks.

The Thinvent® Neo R/4 Mini PC delivers robust performance in an incredibly small footprint, engineered for reliability and versatility. This sleek device is perfect for business, industrial, or specialized applications where space is at a premium and dependable operation is paramount.

Performance Unleashed

Powered by the Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz with a 10 MB cache, the Neo R/4 ensures smooth multitasking and efficient processing. Paired with 4GB DDR4 RAM, it handles everyday tasks and more demanding workloads with ease. Experience lightning-fast boot times and rapid application loading thanks to the generous 512GB SSD storage.

Tailored Connectivity & Durability

- Versatile Display Options: Connect to dual screens with HDMI and VGA ports.
- Essential Peripherals: Four USB ports (2x USB 3.2, 2x USB 2.0), dedicated speaker out, and mic in for comprehensive connectivity.

- Industrial Ready: A crucial DB9 male RS232 serial port makes it ideal for legacy equipment, POS systems, and industrial control.
- Rock-Solid Network: Rely on a stable 1000 Mbps wired Ethernet connection; designed for environments where dedicated wired reliability is preferred over WiFi.
- Built to Last: Housed in durable, powder-coated black steel, this mini PC weighs just 110 grams and boasts a compact 198mm x 200mm x 73mm form factor. It operates reliably from 0°C to 40°C and holds BIS, RoHS, and ISO certifications, guaranteeing quality and environmental compliance.

Flexible Deployment

The Neo R/4 comes without an operating system, giving you the freedom to install your preferred software solution. Its robust 12V 7A adapter ensures stable power delivery for continuous operation from a wide 100~275V AC input.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 13th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1315U |
| Cores | 6 |
| Max Frequency | 4.5 GHz |
| Cache | 10 MB |
| Main Memory | 32 GB |
| SSD Storage | 1024 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 | 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 | Without OS |
|------------------|------------|

Ordering Information

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

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