

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

DB9 Serial



SKU: R-I5_13-8-M512-12_5-X-U-1S

Unleash unparalleled performance in a compact, secure, and robust package.

Discover the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks and specialized environments. Powered by an Intel® Core™ i5-1335U processor with 10 cores and speeds up to 4.6 GHz, alongside a massive 64GB DDR4 RAM, this Mini PC delivers exceptional power for complex applications, virtualization, and multitasking without compromise. Its 32GB MLC SSD ensures rapid boot times and industrial-grade reliability, critical for continuous operation.

Built for specific needs

- Pre-installed Ubuntu Linux 24.04 LTS offers a stable, secure, and customizable open-source platform.
- The dedicated DB9 Serial port provides essential connectivity for industrial equipment and legacy systems.
- No WiFi enhances security, focusing on robust wired networking via its 1000 Mbps Ethernet.

- Durable steel housing with a power-coated black finish ensures longevity and a professional aesthetic, all within a remarkably lightweight 110-gram, compact form factor (198mm × 200mm × 73mm).

Connectivity & Reliability

- Flexible display options: 1 HDMI, 1 VGA.
- Comprehensive I/O: 2 USB 3.2 ports, 2 USB 2.0 ports, 1 Speaker Out, 1 Mic In.
- Wide input power: 100~275V AC compatibility with a 2-meter cable.
- Certified for quality and compliance: BIS, RoHS, ISO.
- Operates reliably between 0°C and 40°C, 20% ~ 80% RH non-condensing.

The Thinvent Neo R/4 is your reliable solution for industrial control, dedicated servers, or secure workstation deployments.



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 | 8 GB |
| SSD Storage | 512 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

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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