



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinix Embedded Linux

DB9 Serial

SKU: R-I5_13-64-M512-12_5-M-THINUX-1S



Unleash compact power: The ultimate mini PC for robust performance and versatile connectivity.

Experience seamless efficiency with the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks in a surprisingly small footprint. Powered by an Intel® Core™ i5-1335U processor, this mini powerhouse delivers a rapid 10-core performance up to 4.6 GHz with 12 MB cache, ensuring smooth multitasking and responsive applications. Coupled with a swift 128GB SSD and 4GB DDR4 RAM, you get instant boot-ups and quick access to your data.

Connectivity and Versatility

- Connect to multiple displays with HDMI and VGA ports.
- Access high-speed networking with Dual Band Wi-Fi 5 and Gigabit Ethernet.
- Utilize four USB ports (2x USB 3.2, 2x USB 2.0) for peripherals.
- Crucially, a DB9 Serial port provides essential legacy and industrial control compatibility.

The Thinvent® Thinix™ Advantage

Pre-installed with Thinvent® Thinix™ Embedded Linux, the Neo R/4 offers a secure, optimized, and feature-rich environment

- Enjoy robust browsing with Chromium and Mozilla Firefox.
- Seamlessly manage remote work with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and VNC shadowing.
- Support for Java, Python, and glibc based applications.
- Boost productivity with LibreOffice and a PDF viewer.
- Multimedia player with MPEG4 support and SIP video/voice over IP capabilities.
- Benefit from browser-based remote management for ultimate control.

Designed for durability and flexible deployment, its robust steel housing with a sleek black power-coated finish measures just 198mm x 200mm x 73mm. This ultra-compact and reliable Mini PC, certified by BIS, RoHS, and ISO, is perfect for kiosks, digital signage, industrial control, and demanding office environments where space and performance are paramount.



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 | 64 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 |
| 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 | Thinvent® Thinux™ Embedded Linux |
| OS Features | Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP. |

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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