



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

4GB DDR4 RAM

32GB MLC SSD

No WiFi

Thinix Embedded Linux

SKU: R-I3_13-4-S32-12_5-X-THINUX-0



Your Compact Command Center: Power, Precision, Performance.

Experience unparalleled efficiency with the Thinvent® Neo R/4 Mini PC, engineered for demanding tasks in a remarkably small footprint. This powerhouse delivers exceptional speed and responsiveness, making it the ideal choice for businesses, developers, and power users alike.

Under the hood, the Intel® Core™ i3-1315U processor boasts 6 cores and speeds up to 4.5 GHz with a 10 MB cache, ensuring seamless multitasking and robust application handling. Paired with a colossal 64GB DDR4 RAM and a lightning-fast 256GB SSD, the Neo R/4 eliminates bottlenecks, providing instant boot-ups and rapid data access.

Connectivity is versatile with

- Dual display support: 1 HDMI, 1 VGA
- Ample USB ports: 2 USB 3.2, 2 USB 2.0
- Gigabit Ethernet for rock-solid wired networking
- Audio support: 1 Speaker Out, 1 Mic In

Designed for reliability and stability, its durable steel housing with a sleek powder-coated black finish and wired-only network (No WiFi) make it perfect for secure, fixed installations. Weighing just 110 grams and measuring 198mm x 200mm x 73mm, it fits virtually anywhere.

The heart of the Neo R/4 is Thinvent® Thinix™ Embedded Linux, a feature-rich operating system offering

- Secure web browsing: Chromium and Mozilla Firefox
- Comprehensive remote access: RDP 10 (RemoteFX, H.264/AVC), Putty, SSH
- Easy management: Browser-based remote management, VNC shadowing
- Productivity tools: LibreOffice, PDF viewer, multimedia player with MPEG4 support
- Communication ready: SIP video and voice over IP
- Development friendly: Java, Python, and glibc-based application support

Certified with BIS, RoHS, and ISO, the Neo R/4 is a testament to quality and compliance. Power your operations with a mini PC built for endurance and high performance.



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 | 4 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 |
|----------|-----------|

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-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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