



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: R-I5_14-4-M256-12_5-M-THINUX-0



Compact Power, Limitless Possibilities.

Experience the future of computing with the Thinvent® Neo R/4 Mini PC. Engineered for exceptional speed and versatility, this powerhouse redefines efficiency in a sleek, robust design, perfect for any workspace.

Unrival Performance

- Driven by an Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a generous 12 MB cache, the Neo R/4 tackles demanding tasks with ease.
- Enjoy rapid application loading and seamless multitasking thanks to 4GB DDR4 RAM and a reliable 32GB MLC SSD, ensuring swift boot-ups and responsive operation.

Optimized with Thinix™

- Powered by Thinvent® Thinix™ Embedded Linux, a secure and efficient operating system designed for productivity and flexibility.
- Access modern web browsing with Chromium and Mozilla Firefox.
- Facilitate robust remote work with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for secure remote display.
- Streamline management via browser-based remote tools and VNC shadowing.

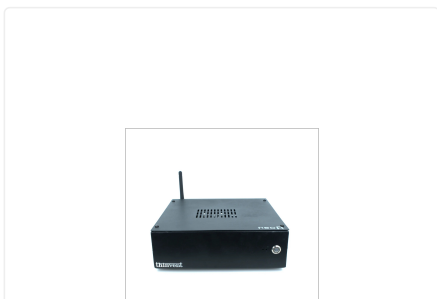
- Leverage integrated LibreOffice, PDF viewer, multimedia playback with MPEG4 support, and SIP video/voice for comprehensive productivity and communication.
- Supports Java, Python, and glibc based applications for broad compatibility.

Seamless Connectivity

- Connect dual displays effortlessly with 2 HDMI and 1 VGA port.
- Benefit from high-speed data transfer with 2 USB 3.0 and 2 USB 2.0 ports.
- Stay connected with gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac) for ultra-fast networking.
- Integrated speaker out and mic in ensure complete audio solutions.

Designed for Durability

- Its ultra-compact dimensions of 198mm x 200mm x 73mm and featherlight 110 grams make it an ideal space-saver.
- Housed in robust, powder-coated steel, this black mini PC is built to withstand diverse environments (0°C to 40°C, 20-80% RH).
- Energy-efficient with a wide voltage tolerance (100-275V AC) and certified with BIS, RoHS, and ISO for quality assurance.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

| | |
|-----------------|--------|
| Generation | 14th |
| Series | i5 |
| Processor Brand | Intel |
| Processor Model | 120U |
| Cores | 10 |
| Max Frequency | 5 GHz |
| Cache | 12 MB |
| Main Memory | 4 GB |
| SSD Storage | 256 GB |

DISPLAY

| | |
|------|---|
| HDMI | 2 |
| VGA | 1 |

AUDIO

| | |
|-------------|---|
| Speaker Out | 1 |
| Mic In | 1 |

CONNECTIVITY

| | |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

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 | 1.23kg, 1.65kg |

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_14-[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 Thinux = Thinux™ 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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