

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I5_14-32-M256-12_5-M-U-0



The Future of Productivity Fits in Your Palm.

Experience unparalleled power and efficiency with the Thinvent® Neo R/4 Mini PC, engineered for the demands of modern computing. This ultra-compact powerhouse redefines what's possible from a desktop, delivering robust performance without compromise.

Performance at its Core

- Unleash incredible speed with the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache for seamless multitasking and demanding applications.
- Power through any workload with 32GB DDR4 RAM, ensuring silky-smooth operation.
- Enjoy lightning-fast boot-ups and ultra-responsive performance from the 32GB MLC SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing environment with long-term support.

Seamless Connectivity

- Drive up to three displays simultaneously with 2x HDMI and 1x VGA ports, boosting your productivity.

- Connect all your peripherals effortlessly via 2x USB 3.0 and 2x USB 2.0 ports.
- Stay connected with high-speed dual-band Wi-Fi 5 (802.11ac) and a reliable 1000 Mbps Ethernet port.
- Integrated speaker out and mic in ensure a complete audio experience.

Designed for Durability and Efficiency

- Weighing just 110 grams and measuring a mere 198mm x 200mm x 73mm, this Mini PC vanishes into any workspace.
- Built with a robust steel housing with a sleek black powder coating, it's designed to last.
- Energy-efficient operation with a 12V 7A adapter, featuring a 2-metre cable and supporting 100~275 Volts AC input (1.5 Amps maximum).
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Engineered for reliability in temperatures from 0°C to 40°C and 20% to 80% RH non-condensing.



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 | 32 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 | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

Ordering Information

| PRODUCT CODE | | | |
|---|---|---------------------|--|
| R-i5_14-[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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