



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-I5_14-4-M512-12_5-M-11V-0



Unleash unparalleled power in an incredibly compact form factor.

Thinvent® Neo R/4 Mini PC: Your Command Centre, Reimagined

Experience the ultimate blend of high performance and remarkable portability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this compact powerhouse fits seamlessly into any environment, from busy offices to specialized industrial settings.

Unrivalled Performance

- Driven by the Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a 12 MB cache, it effortlessly handles intensive applications and complex multitasking.
- 16GB DDR4 RAM ensures buttery-smooth operation, even with multiple programs running simultaneously.
- A 128GB SSD delivers lightning-fast boot times and instant application loading, significantly boosting your productivity.

Enterprise-Grade Reliability

- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering advanced security features, long-term support, and tailored IoT capabilities for specialized applications.

- Robust steel housing with a durable powder-coated black finish ensures exceptional longevity.
- Certified with BIS, RoHS, and ISO standards, guaranteeing quality and compliance.

Comprehensive Connectivity & Design

- Dual HDMI and a VGA port support versatile triple display setups for expansive workspaces.
- Four USB ports (2x USB 3.0, 2x USB 2.0) provide ample connectivity for all your peripherals.
- Gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac) ensure reliable, high-speed networking.
- Exceptionally compact at 198mm x 200mm x 73mm and weighing a mere 110 grams, it's designed for space efficiency without compromise.
- Operates reliably in temperatures from 0°C to 40°C, making it suitable for diverse operational settings.



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 | 512 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

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 |

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India

