



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: R-I3_13-16-M1024-12_5-X-11V-0



Thinvent® Neo R/4: Compact Power, Uncompromised Performance.

Unleash the potential of efficient computing with the Thinvent® Neo R/4 Mini PC, engineered for reliability and robust performance in any professional environment. This ultra-lightweight powerhouse, weighing a mere 110 grams, seamlessly integrates into your setup without sacrificing an inch of capability.

Performance at its Core

- Experience swift and responsive operations powered by the Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz for demanding tasks.
- Multitask effortlessly with a generous 16GB DDR4 RAM, ensuring smooth application handling.
- Enjoy rapid boot times and quick access to your critical data on the lightning-fast 128GB SSD.

Designed for Stability and Security

- Pre-loaded with Windows 11 IoT Enterprise LTSC 2024 Value, this system offers a secure, stable, and long-term supported platform ideal for dedicated applications.

- Benefit from enhanced network security and unwavering reliability with its dedicated 1000 Mbps Ethernet connection, making it perfect for secure installations where wireless connectivity is undesirable or restricted.

Versatile Connectivity and Durable Build

- Connect effortlessly with multiple ports including 1x HDMI, 1x VGA for versatile dual display output, 2x USB 3.2, and 2x USB 2.0.
- Crafted with a robust black powder-coated steel housing, the Neo R/4 is built to withstand rigorous use while maintaining a sleek, professional appearance.
- Its ultra-compact dimensions (198mm x 200mm x 73mm) allow for discreet placement in space-constrained areas.

Certified for Excellence

- Trust in its quality and reliability, backed by BIS, RoHS, and ISO certifications, ensuring compliance with global standards.

The Thinvent® Neo R/4 Mini PC is your go-to solution for digital signage, kiosks, industrial control, and demanding office applications where reliability, security, and a minimal footprint are paramount.



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 | 16 GB |
| SSD Storage | 1024 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 | Microsoft Windows 11 IoT Enterprise LTSC 2024 Value |
|------------------|---|

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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