



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

128GB SSD

No WiFi

Ubuntu Linux



SKU: R-I3_12-32-S128-12_5-X-U-0

Unleash Your Productivity in a Compact Powerhouse

Experience the perfect blend of performance and portability with the Thinvent® Neo R/4 Mini PC. Designed for efficiency and reliability, this compact desktop replacement empowers your daily tasks without taking up valuable space.

Powerful Processing for Everyday Demands

At its heart, the Intel® Core™ i3-1215U processor, featuring 6 cores and a turbo boost up to 4.4 GHz with a 10 MB cache, delivers smooth and responsive multitasking. Run your essential applications with confidence.

Ample Storage and Responsive Memory

With 4GB of DDR4 RAM, experience fluid operation for your common workflows. Store all your important files, projects, and media on the lightning-fast 1TB SSD, ensuring quick boot times and rapid data access.

Versatile Connectivity Options

Connect to a wide range of displays with both HDMI and VGA ports. Effortlessly plug in your peripherals using 2 USB 3.2 and 2 USB 2.0 ports. Enjoy a robust wired network connection with the 1000 Mbps Ethernet port.

Built for Durability and Reliability

The rugged steel housing with a sleek black powder coating ensures this Mini PC can withstand demanding environments. Its compact dimensions (198mm x 200mm x 73mm) and feather-light weight (110 grams) make it ideal for any workspace.

Pre-loaded with Ubuntu Linux

Get started immediately with the included Ubuntu Linux 24.04 LTS operating system, offering a stable, secure, and customizable computing experience for developers, students, and everyday users.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- RAM: 4GB DDR4
- Storage: 1TB SSD
- Ports: HDMI, VGA, Speaker Out, Mic In, 2x USB 3.2, 2x USB 2.0, 1000 Mbps Ethernet
- Adapter: 12V 7A (100~275V AC input)
- Operating System: Ubuntu Linux 24.04 LTS
- Certifications: BIS, RoHS, ISO



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 32 GB |
| SSD Storage | 128 GB |

DISPLAY

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

AUDIO

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

CONNECTIVITY

| | |
|--------------|---|
| USB 3.2 | 2 |
| USB 2.0 | 2 |
| RS485 Option | 1 |

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 | 1.59kg, 2.01kg |

OPERATING SYSTEM

| | |
|------------------|------------------------|
| Operating System | Ubuntu Linux 24.04 LTS |
|------------------|------------------------|

Ordering Information

| PRODUCT CODE | | | |
|---|--|---------------------|------------------------------------|
| R-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories] | | | |
| RAM | 4 = 4GB DDR4 | 8 = 8GB DDR4 | 16 = 16GB DDR4 |
| | 64 = 64GB DDR4 | | 32 = 32GB 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 |
| | Thinix = Thinix™ 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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