



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

4GB DDR4 RAM

128GB SSD

No WiFi

DOS



SKU: R-I3_12-4-M128-12_5-X-DOS-0

Unleash Mighty Performance in a Mini Footprint.

Experience the perfect blend of power and portability with the Thinvent® Neo R/4 Mini PC. Designed for efficiency and built to last, this compact powerhouse delivers robust performance without hogging your valuable desk space.

Core Performance

- Driven by an Intel® Core™ i3-1215U processor, featuring 6 cores and a blistering max frequency of 4.4 GHz, alongside a 10 MB cache for seamless multitasking.
- Navigate applications with lightning speed thanks to 4GB DDR4 RAM.
- Boot up instantly and access files in a flash with the generous 512GB SSD.

Seamless Connectivity

- Dual display support with HDMI and VGA ports for versatile monitor setups.
- Connect your essential peripherals effortlessly with 2x USB 3.2 and 2x USB 2.0 ports.

- Enjoy stable, high-speed network access via the integrated 1000 Mbps Ethernet port – ideal for secure wired environments.
- Essential audio connections include Speaker Out and Mic In.

Robust Design and Flexibility

- Housed in durable steel with a sleek black power coating, measuring just 198mm x 200mm x 73mm and astonishingly lightweight at only 110 grams – ideal for any space-constrained setup.
- Comes with FreeDOS, offering you the ultimate freedom to install your preferred operating system or tailor a custom solution.
- Operates reliably across a wide range of conditions, from 0°C to 40°C, with non-condensing humidity from 20% to 80% RH.
- Certified for quality and compliance with BIS, RoHS, and ISO standards.

Power

- Stable 12V 7A adapter with wide AC input (100~275V AC, 50~60 Hz), ensuring consistent performance.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

| | |
|-----------------|---------|
| Generation | 12th |
| Series | i3 |
| Processor Brand | Intel |
| Processor Model | 1215U |
| Cores | 6 |
| Max Frequency | 4.4 GHz |
| Cache | 10 MB |
| Main Memory | 4 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 | FreeDOS |
|------------------|---------|

Ordering Information

| PRODUCT CODE | |
|---|--|
| R-i3_12-[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 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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