



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

128GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I3_12L-16-M128-12_7-M-U-KM



Engineered for Purpose, Designed for Reliability.

Introducing the Thinvent Neo R/4 Mini PC

The ultimate compact workhorse for business and industrial environments. This isn't just a small computer; it's a robust, dependable solution that thrives where space is limited and performance is non-negotiable.

Why the Neo R/4 is Your Smart Choice

- Experience seamless multitasking and responsive operation for everyday business applications, digital signage, and point-of-sale systems.
- Its dual LAN ports provide critical network redundancy and flexibility, perfect for networking projects or creating a secure, dedicated connection.

- Get started immediately with a complete, ready-to-run package including Ubuntu Linux and a premium keyboard and mouse set.
- The rugged, steel construction ensures lasting durability in demanding settings, from retail counters to factory floors.
- Ultra-compact and whisper-quiet, it installs anywhere, freeing up valuable workspace and eliminating clutter without sacrificing capability.

Choose the Thinvent Neo R/4. More than a mini PC, it's the dependable, all-in-one foundation for your essential operations.



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 | 16 GB |
| SSD Storage | 128 GB |

DISPLAY

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

AUDIO

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

CONNECTIVITY

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

NETWORKING

| | |
|---------------------|-------------------------------|
| Ethernet | 1000 Mbps |
| Ethernet Ports | 2 |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

POWER

| | |
|--------------|--|
| DC Voltage | 12 Volts |
| DC Current | 7 Amps |
| Power Input | 100~275 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 | 2.20kg, 2.62kg |

ACCESSORIES

| | |
|--------------------|---|
| Keyboard and Mouse | 1 |
|--------------------|---|

OPERATING SYSTEM

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

Ordering Information

| PRODUCT CODE | | | |
|--|--|---------------------|------------------------------------|
| R-i3_12l-[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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