

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM

512GB SSD

No WiFi

Without OS



SKU: R-I3_12L-32-M512-12_7-X-W_OS-0

Built for business, not just browsing: The Thinvent Neo R/4 Mini PC.

This discreet powerhouse is engineered for specialised applications where reliability and silent operation are non-negotiable. It delivers robust performance for essential tasks without the bulk, noise, or complexity of a traditional desktop.

Your command centre for essential operations

- Effortlessly manage digital signage, point-of-sale systems, or kiosks with its dependable dual Ethernet for network redundancy.

- Run dedicated software for process control, monitoring, or thin client setups in challenging industrial and commercial environments.
- A perfect fit for secure, air-gapped networks or customised software deployments where WiFi and pre-installed operating systems are unnecessary.

Choose the Neo R/4 for a focused, resilient, and space-saving computing solution that gets straight to work.



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 | 512 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 |

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 | 1.68kg, 2.10kg |

OPERATING SYSTEM

| | |
|------------------|------------|
| Operating System | Without OS |
|------------------|------------|

Ordering Information

PRODUCT CODE

R-i3_12l-[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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