



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux



SKU: R-I3_12L-32-M512-12_5-X-U-0

Where reliability meets compact power.

Engineered for the demands of modern industrial environments, the Thinvent® Neo R/4 Mini PC is the steadfast digital heart for your critical operations. This robust unit delivers dependable, consistent performance in a remarkably small footprint, designed to thrive where other computers cannot.

Perfect for your operation

- Seamlessly integrates as a dedicated controller for kiosks, digital signage, or manufacturing equipment.
- Acts as a silent, durable server for network management or data logging tasks.
- Provides a stable, secure platform for software development and testing with its pre-installed Ubuntu Linux OS.

- Its fanless, rugged steel construction ensures years of trouble-free service in dusty or temperature-fluctuating spaces.

Built to perform without fuss

- Benefit from dual ethernet ports for robust network redundancy and connectivity.
- Experience swift system responsiveness and rapid boot times from solid-state storage.
- Enjoy versatile display connectivity to support a wide range of monitors and interfaces.
- Rely on its industrial-grade power design and certifications for safe, continuous operation.

Choose the Thinvent Neo R/4. It's more than a computer; it's a resilient partner for your essential processes, engineered to work so you don't have to worry.



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	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
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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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