



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

512GB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set



SKU: [R-I3_12L-16-M512-12_7-X-11V-KM](#)

Unlock robust, reliable computing power in a remarkably compact form.

Engineered for the Demanding Edge

The Thinvent® Neo R/4 Mini PC is built for environments where space is limited but performance cannot be compromised. Its robust steel chassis houses a potent 12th Gen Intel® processor, delivering the speed and responsiveness needed for modern industrial applications, all within a footprint smaller than a notepad.

A Pillar for Your Critical Operations

Designed for 24/7 reliability, this mini PC excels as the dependable heart of your digital signage, kiosk, or factory automation system. The inclusion of dual Gigabit LAN ports provides essential network redundancy and flexibility, ensuring your operations stay connected and productive. Pre-installed with Windows 11 IoT, it offers a secure and manageable platform ready for your specialised software.

Ready to Work Right Out of the Box

We simplify your deployment. Each system comes complete with a reliable keyboard and mouse set, allowing you to unbox, connect, and configure with ease. The Neo R/4 is more than just a computer; it's a complete, compact solution engineered for longevity and seamless integration into your commercial or industrial workflow.



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	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	2.20kg, 2.62kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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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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