

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 IoT Value

Thinvent Keyboard and Mouse set



SKU: [R-I5_12L-64-M1024-12_7-X-11V-KM](#)

Unleash industrial productivity from a compact powerhouse.

Your reliable core for demanding environments

Designed for seamless integration where it matters most, the Thinvent Neo R/4 is your steadfast partner in automation and control. This robust mini PC thrives in the heart of your operation, delivering consistent, dependable performance day in and day out.

Engineered for your industrial application

- Drive digital signage, kiosks, and interactive displays with smooth, uninterrupted operation.
- Serve as the perfect PLC or SCADA system client, handling complex data with ease.
- Manage point-of-sale and retail environments reliably, keeping your business running.

- Ideal for thin client setups and office productivity, all within a rugged, space-saving form.

Built to perform and endure

Housed in a tough steel chassis, this system is built for the long haul in diverse industrial settings. With its efficient 12th Gen Intel Core power, it tackles multitasking and specialised software without hesitation. The inclusion of a dual Ethernet setup provides crucial network redundancy and flexibility for your connected systems. Arriving with a premium keyboard and mouse set and a trusted Windows IoT operating system, it's a complete, out-of-the-box solution ready to become the silent, steadfast brain of your operation.



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
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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	2.23kg, 2.65kg

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-i5_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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