

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

256GB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: R-I3_12L-64-M256-12_5-X-11P-1S

The Engine for Everyday Industry: Meet the Neo R/4, a supremely capable and reliable core for your essential operations. Compact, robust, and purpose-built, it delivers the dependable performance that business-critical tasks demand without any fuss or unnecessary complexity.

Built for the Real World

- Engineered for 24/7 reliability in demanding environments, from factory floors to retail points of sale.
- Its compact, steel-clad design fits effortlessly into tight spaces and withstands the rigours of daily use.
- Dual Gigabit Ethernet ports ensure unwavering, high-speed network connectivity for seamless data flow and device management.

Power Where It Counts

- Experience smooth, responsive operation for a wide range of professional applications, from digital signage and kiosks to thin client setups and in-vehicle systems.
- The dedicated serial port provides a direct, hassle-free connection to legacy equipment and specialised industrial peripherals.
- With Windows 11 Pro, you gain a familiar, secure, and powerful platform for your business software, ready to work right out of the box.

Choose the Thinvent Neo R/4 for a no-compromise computing foundation. It's the steadfast, powerful, and compact solution that simply gets the job done, day in and day out.



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	64 GB
SSD Storage	256 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232
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	Microsoft Windows 11 Pro
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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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