

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: R-I3_12L-64-M128-12_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.



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	128 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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