



Thinvent Neo R/4 Mini PC

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 IoT Value

DB9 Serial



SKU: R-I3_12L-64-M128-12_5-X-11V-1S

Unleash Compact Power for Demanding Business Environments.

Engineered for Reliability

Forget bulky towers. The Thinvent Neo R/4 packs robust performance into a rugged, space-saving steel chassis. It's built to thrive in the real world, from the shop floor to the retail point-of-sale, delivering dependable operation where you need it most.

Your Versatile Industrial Anchor

This is the steadfast digital heart for a multitude of critical tasks. Its dual Gigabit LAN ports and legacy serial connectivity make it a perfect fit for networking and machinery control, while the capable Intel processing handles everything from digital signage to kiosk interfaces without breaking a sweat.

Why Choose the Neo R/4

- Rugged, fanless design ensures silent, durable operation in dust-prone or 24/7 environments.
- Legacy and modern connectivity in one compact unit simplifies integration with both new and existing equipment.
- A trusted platform for commercial and industrial software, providing a stable foundation for your specialised applications.
- Consumes minimal desk or mountable space, freeing up your workspace for what matters.



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	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 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 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB	m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux		
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard		

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