



Thinvent Neo R/4 Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

32GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 Professional

DB9 Serial



SKU: R-I5_13-32-M128-12_7-X-11O-1S

Meet the Neo R/4: mighty performance, minuscule footprint, and built for the places ordinary PCs fear to tread.

This is the compact workhorse for the modern industrial edge. With a 13th-generation Intel Core i5 processor at its heart, the Neo R/4 delivers the sort of responsive, snappy performance that keeps production lines moving, POS terminals glitch-free, and control systems perfectly in step. It shrugs off demanding multitasking and data-heavy workloads, all within a rugged steel chassis that takes the bumps, knocks, and dust of the shop floor in its stride.

Forget bulky towers cluttering valuable space. The Neo R/4 tucks neatly behind a display, under a desk, or inside an enclosure, turning any screen into a powerful workstation. And because it runs Windows 11 Professional, you get the familiar, secure, and manageable environment your IT team already trusts – no awkward learning curve, just seamless integration.

Designed for the real world of business

- Keep legacy equipment alive with a built-in DB9 serial port for connecting older machinery, barcode scanners, and industrial controllers
- Enjoy rock-solid network reliability with gigabit Ethernet, and keep sensitive data secure by choosing the wired-only configuration, free from wireless interference
- Run 24/7 with confidence, thanks to low power consumption, passive cooling options, and a robust steel housing that laughs at vibration

Why choose the Neo R/4?

It is the intelligent replacement for aging and under-powered office desktops being pushed into service roles. It is quicker to respond, easier to deploy, and far more reliable in demanding conditions. If you need a small, tough, and capable computer that simply keeps working so you can keep working, the Neo R/4 is your answer. Downtime costs money. This is how you avoid it.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	128 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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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	1.61kg, 2.03kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

R-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM

4 = 4GB DDR4

8 = 8GB DDR4

16 = 16GB DDR4

32 = 32GB DDR4

32_32 = 64GB
DDR4 RAM (2 x
32GB)16_16 = 32GB
DDR4 RAM (2 x
16GB)8_8 = 16GB DDR4
RAM (2 x 8GB)

SSD

m128 = 128GB

m512 = 512GB

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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