



Thinvent Neo R/4 Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

16GB DDR5 RAM

128GB SSD

No WiFi

Windows 11 Professional



SKU: R-CU5_14L-16_5-S128-12_5-X-11O-0

Meet the Thinvent® Neo R/4 – a quiet powerhouse that brings serious computing muscle to your worksite without taking up an inch of unnecessary space.

Made to work as hard as you do

- Slip it behind a screen, under a desk, or inside a kiosk – it runs discreetly and reliably wherever you need it.
- Its tough steel housing shrugs off knocks, dust and daily wear, so it keeps performing shift after shift.
- The responsive 14th-generation processor handles demanding business software, multi-tasking and data-heavy applications without breaking a sweat.

Connectivity that keeps you moving

- Twin Gigabit Ethernet ports make it ideal for firewall setups, network gateways, digital signage and industrial control – perfect for a busy office or a factory floor.
- A flexible mix of USB ports lets you plug in everything from barcode scanners to printers and peripherals without juggling adapters.
- HDMI and VGA outputs mean you can attach modern or legacy displays with ease, making upgrades simple.

Ready for the real world

- Pre-installed with Windows 11 Professional, it arrives ready to join your domain, run your apps and keep your data protected.
- Its low-power design stays cool and quiet, even in warm environments, so you can leave it running around the clock.
- Installation is effortless – mount it wherever suits you, connect the included adapter, and you're up and running in minutes.

A smarter alternative to ageing desktops

- Replace bulky towers and save valuable workspace while gaining modern performance.
- Ideal for retail, healthcare, education, transport hubs and light industrial settings where dependable computing matters most.

Choose the Thinvent® Neo R/4 for a mini PC that punches well above its size – dependable, versatile and built to keep your business moving.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	14th
Series	Ultra 5
Processor Brand	Intel
Processor Model	125U
Cores	12
Max Frequency	4.3 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI 2.0	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

R-cu5_14l-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]

RAM

8_5 = 8GB DDR5

16_5 = 16GB DDR5

32_5 = 32GB DDR5

32_5_32_5 = 64GB
DDR5 RAM (2 x
32GB)16_5_16_5 = 32GB
DDR5 RAM (2 x
16GB)

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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