



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

Dual Band WiFi

DOS

SKU: R-CU5_14L-16_5-S128-12_5-M-DOS-0



Powerful Intelligence, Compact Resilience: The Neo R/4 Mini PC.

Unlock a new era of seamless digital operations with the Thinvent Neo R/4. This formidable yet remarkably compact workstation is engineered to thrive where reliability matters most, delivering robust performance without demanding space or complex infrastructure.

Built for Business Continuity

Designed for 24/7 operation in demanding environments, from retail kiosks to factory floors. Its durable steel construction ensures it can handle the rigours of daily use, while dual Gigabit Ethernet ports provide unwavering network reliability for critical tasks and secure data transfer.

Adaptable and Efficient Performance

Experience smooth multitasking and rapid responsiveness for a multitude of professional applications. Whether driving digital signage, managing point-of-sale systems, or operating as a dedicated server, the Neo R/4 provides the dependable power to keep your business moving forward. Its versatile connectivity supports multiple displays and peripherals effortlessly.

Simplify Your Setup

Get straight to work with a plug-and-play design that integrates smoothly into your existing ecosystem. The flexible operating system foundation allows for easy customisation with your preferred software, creating a tailored solution without unnecessary bloat. Its minimal footprint liberates valuable space, enabling cleaner, more efficient workspaces.



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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	FreeDOS
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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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

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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