



Thinvent Neo R/4 Mini PC

Intel Core Ultra 5 125U processor

12 core, up to 4.3 GHz, 12 MB cache

Dual LAN

32GB DDR5 RAM (2 x 16GB)

32GB MLC SSD

No WiFi

Without OS

DB9 Serial



SKU: R-CU5_14L-16_5_16_5-S32-12_7-X-W_OS-1S

Unlock a New Era of Compact Industrial Power.

Meet the Thinvent Neo R/4 Mini PC: a robust and streamlined computing engine designed for demanding environments. This is the reliable nerve centre for your critical applications, offering seamless integration and unwavering performance without the bulk.

Perfect for Your Business

- Deploy a silent, space-saving solution for digital signage, kiosks, or point-of-sale systems.
- Create a dependable network node or firewall with its resilient dual Ethernet ports.
- Drive legacy machinery and specialised equipment through its integrated serial port for seamless industrial control.
- Build a custom, lightweight computing solution tailored precisely to your software needs, free from unnecessary bloat.

Engineered for Reliability

Crafted with a durable steel chassis, the Neo R/4 thrives in settings where standard PCs falter. Its fanless design ensures silent operation and eliminates dust-prone moving parts, delivering consistent performance from 0° to 40°C. With globally recognised certifications, it's built to the highest standards of quality and safety.

Why Choose the Neo R/4 Mini PC

This isn't just a small computer; it's a focused industrial tool. It provides the essential processing power and legacy connectivity required for specialised tasks, all in an incredibly tough and compact package. Invest in a solution that works tirelessly behind the scenes, ensuring your operations run smoothly day in and day out.



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	32 GB
SSD Storage	32 GB

DISPLAY

HDMI 2.0	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
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Without OS
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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	m256 = 256GB		
	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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