



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

No WiFi

Windows 11 IoT Value

SKU: R-I3_13-16_16-M1024-12_5-X-11V-0



Thinvent® Neo R/4: Compact Power, Uncompromised Performance.

Unleash the potential of efficient computing with the Thinvent® Neo R/4 Mini PC, engineered for reliability and robust performance in any professional environment. This ultra-lightweight powerhouse, weighing a mere 110 grams, seamlessly integrates into your setup without sacrificing an inch of capability.

Performance at its Core

- Experience swift and responsive operations powered by the Intel® Core™ i3-1315U processor, featuring 6 cores and burst speeds up to 4.5 GHz for demanding tasks.
- Multitask effortlessly with a generous 16GB DDR4 RAM, ensuring smooth application handling.
- Enjoy rapid boot times and quick access to your critical data on the lightning-fast 128GB SSD.

Designed for Stability and Security

- Pre-loaded with Windows 11 IoT Enterprise LTSC 2024 Value, this system offers a secure, stable, and long-term supported platform ideal for dedicated applications.

- Benefit from enhanced network security and unwavering reliability with its dedicated 1000 Mbps Ethernet connection, making it perfect for secure installations where wireless connectivity is undesirable or restricted.

Versatile Connectivity and Durable Build

- Connect effortlessly with multiple ports including 1x HDMI, 1x VGA for versatile dual display output, 2x USB 3.2, and 2x USB 2.0.
- Crafted with a robust black powder-coated steel housing, the Neo R/4 is built to withstand rigorous use while maintaining a sleek, professional appearance.
- Its ultra-compact dimensions (198mm × 200mm × 73mm) allow for discreet placement in space-constrained areas.

Certified for Excellence

- Trust in its quality and reliability, backed by BIS, RoHS, and ISO certifications, ensuring compliance with global standards.

The Thinvent® Neo R/4 Mini PC is your go-to solution for digital signage, kiosks, industrial control, and demanding office applications where reliability, security, and a minimal footprint are paramount.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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	1.52kg, 1.94kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE

R-i3_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	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		
	Thinux = Thinux™ 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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