



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

64GB DDR4 RAM (2 x 32GB)

128GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-I3_13-32_32-S128-12_5-M-11V-0



Unleash Mighty Performance in a Mini Footprint.

Introducing the Thinvent® Neo R/4 Mini PC, a powerhouse engineered for efficiency and reliability in any workspace. Experience robust computing in an ultra-compact design, perfectly suited for modern business, industrial IoT, or advanced home office setups.

Experience Unrivalled Speed and Multitasking

- Powered by the Intel® Core™ i3-1315U processor with 6 cores, 10 MB cache, and burst speeds up to 4.5 GHz, handling demanding applications effortlessly.
- 16GB DDR4 RAM ensures seamless multitasking, keeping your workflow fluid and responsive.
- A blazing-fast 256GB SSD provides instant boot-ups and rapid data access, enhancing productivity.
- Navigate effortlessly with Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, offering enhanced security and long-term support for mission-critical applications.

Versatile Connectivity and Robust Design

- Connect dual displays via HDMI and VGA for an expansive visual workspace.
- Enjoy comprehensive peripheral and audio support with Speaker Out, Mic In, 2 USB 3.2, and 2 USB 2.0 ports.
- Stay connected with lightning-fast 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable wireless networking.
- Its wide-range 100~275V AC input power adapter ensures global compatibility and consistent 12V 7A DC output.
- Housed in durable, black power-coated steel, this mini PC weighs only 110 grams and measures a mere 198mm x 200mm x 73mm, making it incredibly portable and space-saving.
- Designed for continuous operation from 0°C to 40°C in 20% ~ 80% non-condensing humidity, ensuring reliability in diverse environments.
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.

The Thinvent® Neo R/4 is your compact solution for high-performance, dependable computing, built to excel where space is at a premium.



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	64 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

NETWORKING

Ethernet	1000 Mbps
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	1.52kg, 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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