



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

256GB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I3_12-32-S256-12_5-M-U-KM



Unleash Productivity in a Compact Powerhouse

The Thinvent® Neo R/4 Mini PC is your ultimate solution for efficient computing in a space-saving design. Powered by the Intel® Core™ i3-1215U processor, featuring 6 cores that turbocharge up to 4.4 GHz with a 10 MB cache, this mini PC handles multitasking and demanding applications with ease. Experience lightning-fast responsiveness thanks to 16GB of DDR4 RAM and a swift 128GB SSD, ensuring quick boot times and seamless file access.

Versatile Connectivity

Equipped with an array of ports including HDMI, VGA, 2 USB 3.2, 2 USB 2.0, and a 1000 Mbps Ethernet port, the Neo R/4 offers flexible connectivity options for all your peripherals and networking needs. Enjoy lag-free wireless experiences with its dual-band Wi-Fi.

Robust and Reliable

Built with a durable black steel housing finished with a power coating, this mini PC is designed for longevity. It operates efficiently within a 0°C to 40°C temperature range and comes with a 12V 7A adapter.

Pre-installed with the latest Ubuntu Linux 24.04 LTS, the Neo R/4 is ready to go right out of the box. It includes a Thinvent® Keyboard and Mouse set for immediate productivity.

Key Features

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- Memory: 16GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 1 HDMI, 1 VGA
- Ports: 2 USB 3.2, 2 USB 2.0, 1 Ethernet (1000 Mbps), 1 Speaker Out, 1 Mic In
- Wireless: Dual Band Wi-Fi 5 (802.11ac)
- Operating System: Ubuntu Linux 24.04 LTS
- Included Peripherals: Thinvent® Keyboard and Mouse set
- Power: 12V 7A Adapter



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	256 GB

DISPLAY

HDMI	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
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	2.11kg, 2.52kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-i3_12-[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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