



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: R-I3_12-16_16-M512-12_5-M-W_OS-KM



Unleash your productivity with the power of compact computing.

Thinvent® Neo R/4 Mini PC: Powerhouse Performance in a Miniature Design

Experience seamless multitasking and swift performance with the Intel® Core™ i3-1215U processor, featuring 6 cores, a turbo boost up to 4.4 GHz, and a 10 MB cache. This compact powerhouse is designed to handle your daily computing needs with efficiency and speed.

Expansive Storage and Speedy Connectivity

Equipped with a generous 1TB SSD, enjoy lightning-fast boot times and rapid application loading. The 4GB DDR4 RAM ensures smooth operation for your everyday tasks. Connect your peripherals with ease using a versatile array of ports, including 2x USB 3.2, 2x USB 2.0, 1x HDMI, and 1x VGA. Enjoy stable, high-speed internet with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac).

Built for Reliability and Versatility

The robust steel housing with a sleek black powder coating ensures durability. Enjoy crystal-clear audio with a dedicated speaker out and a convenient mic in. This Mini PC operates efficiently with a 12V 7A adapter and is compatible with 100~275 Volts AC power input. The included Thinvent® keyboard and mouse set provides a complete, ready-to-go solution.

Key Specifications

- Processor: Intel® Core™ i3-1215U (6 Cores, up to 4.4 GHz, 10 MB Cache)
- RAM: 4GB DDR4
- Storage: 1TB SSD
- Graphics Output: 1x HDMI, 1x VGA
- Audio: 1x Speaker Out, 1x Mic In
- USB Ports: 2x USB 3.2, 2x USB 2.0
- Networking: 1000 Mbps Ethernet, Dual Band Wi-Fi 5 (802.11ac)
- Power: 12V 7A Adapter
- Dimensions: 198mm × 200mm × 73mm
- Weight: 110 grams
- Housing: Steel, Black Powder Coating
- Included Accessories: Thinvent® Keyboard and Mouse set
- Operating System: Without OS.



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	512 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	Without OS
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Ordering Information

PRODUCT CODE			
R-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
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 Thinux = Thinux™ 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	

www.thinvent.in
sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

