



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)

32GB MLC SSD

Dual Band WiFi

Windows 11 Pro

SKU: R-I3_12-16_16-S32-12_5-M-11P-0



Unleash Mighty Performance in a Mini Footprint.

Experience the future of compact computing with the Thinvent® Neo R/4 Mini PC. Designed for professionals and power users alike, this powerhouse delivers desktop-grade performance without occupying precious space. Get ready for seamless multitasking, rapid data access, and unwavering reliability in a sleek, ultra-compact design.

Unrivalled Performance and Speed

- Driven by the Intel® Core™ i3-1215U hexa-core processor, achieving speeds up to 4.4 GHz with 10 MB cache, for responsive and efficient operation.
- Tackle demanding applications with a massive 64GB DDR4 RAM, ensuring a lag-free experience even under heavy workloads.
- Boot up instantly and load applications in a flash with the lightning-fast 512GB SSD storage.
- Comes pre-installed with Windows 11 Pro, offering advanced security and productivity features for your professional needs.

Extensive Connectivity and Versatility

- Connect to dual displays simultaneously with HDMI and VGA ports for an expanded workspace.
- Enjoy robust wired networking with Gigabit Ethernet and flexible wireless connectivity via dual band Wi-Fi 5 (802.11ac).
- Access all your peripherals with two USB 3.2 and two USB 2.0 ports, alongside dedicated speaker out and mic in jacks.

Durable Design and Reliability

- Housed in a durable, black powder-coated steel chassis, built to withstand daily use while maintaining a sleek, professional aesthetic.
- Engineered for reliable operation, featuring BIS, RoHS, and ISO certifications, ensuring quality and environmental compliance.
- Its ultra-compact dimensions of 198mm x 200mm x 73mm and feather-light 110-gram design fit perfectly into any environment, powered by a robust 12V 7A adapter with a wide input range.

Elevate your productivity and streamline your workspace with the Thinvent® Neo R/4 Mini PC – where power meets portability.



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	32 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	1.59kg, 2.01kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro
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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			

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

