



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)

1TB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: R-I3_12-16_16-M1024-12_10-M-11P-1S



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

Experience robust computing in a remarkably small package with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and reliability, this mini marvel is your ideal solution for home, office, or specialized industrial applications.

Unleash Productivity

- Driven by an Intel® Core™ i3-1215U processor with 6 cores and up to 4.4 GHz, enjoy seamless multitasking and rapid application loading.
- 8GB DDR4 RAM ensures smooth operation, while the 128GB SSD delivers lightning-fast boot times and responsiveness.
- Pre-installed with Windows 11 Pro, you get a secure, modern, and powerful operating system right out of the box.

Connect with Ease

- Stay connected with fast dual-band Wi-Fi 5 and Gigabit Ethernet for high-speed networking and streaming.

- Dual display support via HDMI and VGA enhances your workspace, boosting productivity.
- A comprehensive array of USB 3.2 and 2.0 ports accommodates all your essential peripherals.
- Crucially, the integrated DB9 serial port makes it perfect for legacy systems, industrial control, and specialized hardware integration.

Designed for Durability

- Its incredibly compact dimensions (198mm x 200mm x 73mm) and featherlight 110-gram steel chassis ensure discreet placement and exceptional durability.
- Power coated in sleek black, it's built to last and certified for quality with BIS, RoHS, and ISO standards.

The Thinvent® Neo R/4 Mini PC combines powerful performance with an exceptionally small form factor and specialized connectivity, making it the smart choice for diverse computing needs.



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	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 Amps
Power Input	100~275 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	1.68kg, 2.10kg

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

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

Thinix = Thinix™ 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.insales@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

