



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: R-I3_12-64-M512-12_5-M-11P-1S



Thinvent® Neo R/4: Compact Power, Unrivaled 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.



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	64 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
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	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 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4 32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
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

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