



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM (2 x 8GB)

512GB SSD

No WiFi

Windows 11 Pro

DB9 Serial



SKU: [R-I3_12-8_8-M512-12_7-X-11P-1S](#)

Thinvent® Neo R/4 Mini PC: Uncompromising Performance, Unbeatable Reliability, Unbelievably Compact.

Experience robust computing without the bulk. The Thinvent® Neo R/4 Mini PC is engineered for demanding tasks, offering powerful performance in a sleek, steel-clad design. Perfect for business, industrial, or specialized applications, it's your answer to reliable, high-speed operation.

Core Power

- Driven by an Intel® Core™ i3-1215U processor with 6 cores, achieving speeds up to 4.4 GHz, it effortlessly handles multitasking and intensive applications.
- A 10 MB cache ensures swift data access, keeping your workflow smooth and responsive.

Lightning-Fast Storage and Memory

- Boost your productivity with 16GB DDR4 RAM for efficient memory management.
- A 512GB SSD provides instantaneous boot times and rapid application loading, minimizing wait times.

Essential Connectivity for Every Need

- Integrate legacy systems and industrial peripherals seamlessly with a dedicated DB9 serial port.
- Expand your visual workspace with dual display support via HDMI and VGA.
- Connect all your accessories with 2 USB 3.2 and 2 USB 2.0 ports.
- Ensure stable and secure networking with 1000 Mbps Gigabit Ethernet, ideal for environments prioritizing wired reliability.

Built to Endure

- Housed in durable, black power-coated steel, the Neo R/4 is built for longevity.
- Weighing a mere 110 grams and certified with BIS, RoHS, and ISO, its quality and robustness are guaranteed.
- Operates reliably across a 0°C to 40°C temperature range.

Modern Operating System

- Comes pre-installed with Microsoft Windows 11 Pro, offering enhanced security features and a productive user experience.



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	16 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
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POWER

DC Voltage	12 Volts
DC Current	7 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 Keyboardwww.thinvent.insales@thinvent.in

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