



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

16GB DDR4 RAM

2TB SSD

No WiFi

Windows 11 Professional



SKU: R-I3_12L-16-M2048-12_7-X-11O-0

Reliable computing muscle in a compact, quiet footprint.

No need for a bulky tower sitting under your desk. The Thinvent Neo R/4 Mini PC delivers the everyday performance your business needs, neatly tucked away to leave your workspace clear and clutter-free.

Why you'll appreciate it

- Responsive multitasking for office suites, web apps, and business software, so you can move between tasks without frustrating delays.
- Quick boot-ups and snappy program loading, thanks to efficient storage that gets you working sooner.
- Whisper-quiet operation that won't disturb a busy office, shop floor, or home workspace.
- A sturdy, powder-coated steel housing that shrugs off the knocks and bumps of real-world use.

Where it shines

- Perfect as a point-of-sale terminal, digital signage player, or reception desk computer where space is tight.
- Ideal for light industrial settings, such as machine-side data entry or production monitoring, where a dependable PC keeps things moving.

- A superb choice for network edge applications, with dual gigabit Ethernet for firewall, routing, or security gateway roles.
- Comfortable in a 24/7 operation, giving you the peace of mind that your systems stay online when you need them most.

Built to keep working

- Designed for reliable performance in everyday environments, from 0°C to 40°C, with no exotic cooling required.
- Powered by a low-energy processor that balances capability with efficiency, helping keep your electricity bills in check.
- Fully certified to recognised standards, so you can deploy with confidence.
- Backed by Thinvent's commitment to solid industrial engineering, it's a dependable workhorse for years of service.

The Neo R/4 is the straightforward, no-nonsense choice when you need a compact PC that simply gets on with the job.



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	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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 Professional
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Ordering Information

PRODUCT CODE

R-i3_12l-[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

m2048 = 2TB

S128 = 128GB

m256 = 256GB

m1024 = 1TB

S32 = 32GB MLC

S256 = 256GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

110 = Windows 11 Professional

U = Ubuntu Linux

W_OS = Without OS

11P = Windows 11 Pro

Thinix = Thinix™ Embedded 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

