



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I7_12L-4-S32-12_7-M-U-0



Think Big, Deploy Small: The Neo R/4 Mini PC

The Neo R/4 redefines compact power for demanding industrial environments. This isn't just a small computer; it's a robust, silent, and incredibly versatile solution designed to thrive where others can't.

Ideal For

- Digital Signage & Kiosks: Deliver stunning visuals and seamless interactivity in retail or public spaces.
- Edge Computing & IoT Gateways: Process data locally with reliable dual LAN connectivity for robust network integration.
- Industrial Automation: A dependable, fanless heart for control systems, monitoring stations, and production line PCs.

- Space-Constrained Offices: A clutter-free desktop powerhouse for productivity and specialised business applications.

Why Choose the Neo R/4

Experience the perfect blend of substantial processing muscle and unwavering reliability. Its rugged, steel construction is built for 24/7 operation, while the efficient, fanless design ensures silent running and protection against dust. With its dual Gigabit Ethernet and flexible connectivity, it integrates seamlessly into complex setups. Pre-installed with a stable, open-source operating system, it's ready to deploy out of the box, offering a secure and customisable platform for your critical operations. The Neo R/4 is the compact, industrial-grade engine your next project needs.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	4 GB
SSD Storage	32 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	1.72kg, 2.13kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-i7_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**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**Thinux** = Thinux™ 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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