



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

32GB MLC SSD

No WiFi

Windows 11 Professional

SKU: R-I7_12L-8-S32-12_5-X-11O-0

Compact power. Industrial trust.



Meet the Thinvent Neo R/4: a quiet performer that slips into tight spaces and gets on with the job. Whether you're running a busy factory floor, a retail checkout system, or a secure network gateway, this mini PC brings serious processing muscle without hogging your desk or rack.

Why you'll want it on your side

- It handles demanding workloads with ease thanks to its high-performance Intel Core i7 engine, so multitasking stays smooth and responsive.
- Dual network ports mean it's ready to act as a firewall, router, or secure data bridge — perfect for keeping your business connected and protected.
- Its rugged steel housing shrugs off the bumps, vibrations, and dusty corners that would trouble flimsier machines.
- Pre-loaded with Windows 11 Professional, it's business-ready from the moment you switch it on — no fuss, no extra setup.

- The compact design fits almost anywhere, from behind a screen to inside a kiosk, yet it still offers plenty of ports for your existing peripherals.

Who is it for?

- Automation and control systems that need always-on reliability.
- Retail and hospitality settings where space is tight but uptime is critical.
- IT professionals needing a dependable, low-power appliance for network services or remote monitoring.

With the Neo R/4, you're not just buying a computer — you're investing in a workstation that keeps running while everything else slows down. It's built to last, sized to fit, and ready to work around the clock.

Choose the Thinvent Neo R/4 for dependable performance that doesn't shout about itself. It simply delivers.



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	8 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

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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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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

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

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