



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM (2 x 32GB)

1TB SSD

Dual Band WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: R-I7_12L-32_32-M1024-12_7-M-11O-KM



Powerhouse performance that slips neatly onto any desk.

The Thinvent Neo R/4 Mini PC brings serious computing muscle to your workspace without swallowing it whole. Whether you're running a busy front office, a control room, or a light industrial environment, this machine is built to keep pace with you.

Space-saving by design

Forget the bulky tower under your desk. The Neo R/4 sits quietly beside your monitor or tucks neatly into a rack, giving you back valuable room while delivering the kind of responsive performance that makes everyday work feel effortless. It's a tidy solution that doesn't compromise on capability.

Made to keep working

This is no fragile office toy. The steel housing is tough, powder-coated, and ready for the realities of a working environment. It handles the hustle and bustle of a shop floor or a busy reception area with ease, and its energy-efficient design means you can leave it running without a second thought.

Connectivity that works for you

Dual network ports give you flexible and reliable internet connections, perfect for secure setups, POS systems, or streaming data from equipment. Add dual-band WiFi and you're free to connect however suits you best, without the hassle of trailing cables everywhere.

Everything you need to get started

The Neo R/4 arrives ready to work. It comes with Windows 11 Professional for a familiar, secure, and productive experience, and includes a matching keyboard and mouse. It's a genuinely complete package – just plug in, power up, and get on with your day.

When you need dependable, compact computing that looks smart and works harder, the Thinvent Neo R/4 is



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	64 GB
SSD Storage	1024 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	2.23kg, 2.65kg

ACCESSORIES

Keyboard and Mouse	1
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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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