



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

2TB SSD

Dual Band WiFi

Windows 11 Professional

Thinvent Keyboard and Mouse set

SKU: R-I7_12L-4-M2048-12_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	4 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
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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