



Thinvent Neo R/4 Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinix Embedded Linux

Thinvent Keyboard and Mouse set

SKU: R-I5_12-32-M2048-12_7-M-
THINUX-KM



Unleash unparalleled productivity with the Thinvent® Neo R/4 Mini PC.

Experience Powerful Performance

- Driven by the Intel® Core™ i5-1250P processor, boasting 12 cores and reaching up to 4.4 GHz with 12 MB cache for seamless multitasking and demanding applications.
- With a massive 64GB DDR4 RAM, effortlessly handle complex workloads and numerous open applications without a hitch.
- Enjoy lightning-fast boot times and application loading with the included 32GB MLC SSD.

Versatile Connectivity

- Connect to any display with HDMI and VGA ports.
- Ample USB 3.2 and USB 2.0 ports for all your peripherals.
- High-speed 1000 Mbps Ethernet and Dual Band Wi-Fi for reliable network access.

Engineered for Reliability

- Durable steel housing with a sleek black powder coating ensures longevity.
- Compact dimensions (198mm × 200mm × 73mm) and lightweight design (110 grams) make it ideal for any workspace.
- Operates efficiently within a wide temperature and humidity range, meeting BIS, RoHS, and ISO certifications.

Intuitive Thinix™ Embedded Linux

- A secure and efficient operating system pre-loaded with Chromium and Mozilla Firefox browsers.
- Seamless remote access with RDP 10, Putty, and SSH.
- Supports Java, Python, and glibc for custom applications.
- Includes LibreOffice, PDF viewer, and a multimedia player.
- Integrated SIP for video and voice over IP communication.
- Comes complete with a Thinvent® Keyboard and Mouse set for an instant setup.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

Ordering Information

PRODUCT CODE

R-i5_12-[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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