



Thinvent Neo R/4 Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM (2 x 8GB)

2TB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: R-R5_7-8_8-M2048-19_3-M-W_OS-KM



Powerful performance, compact design – the Thinvent Neo R/4 delivers where it counts.

Unleash productivity

- Tackle everyday office work, web browsing, and media streaming with effortless ease, thanks to the responsive AMD Ryzen 5 processor
- Multitask between spreadsheets, presentations, and multiple browser tabs without lag
- Run light content creation, data entry, or point-of-sale applications smoothly and reliably
- Save valuable desk space with a tiny footprint that fits neatly beside a monitor or behind a screen

Versatile applications

- Ideal for home offices, school work, and remote learning setups where space is tight
- Perfect for digital signage, kiosks, and thin-client deployments in retail or hospitality
- Use as a compact file server, media centre, or dedicated control station for light industrial tasks

- A cost-effective upgrade for budget-conscious teams and small businesses

Built to last

- Robust steel housing with a powder-coated finish stands up to daily knocks and dust
- Fanless or low-noise operation keeps the working environment quiet and distraction-free
- Low power consumption (12V DC) means lower electricity bills and less heat output

Ready to go

- Supplied with a keyboard and mouse – just plug in your own monitor and you are set
- Ships without an operating system, giving you the freedom to install Windows, Linux, or your preferred platform
- Dual-band Wi-Fi and Gigabit Ethernet ensure fast, reliable connectivity wherever you place it



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Specifications

PROCESSING

Generation	7000 Series
Series	Ryzen 5
Processor Brand	AMD
Processor Model	7430U
Cores	6
Max Frequency	4.3 GHz
Cache	16 MB
Main Memory	16 GB
SSD Storage	2048 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 1	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	19 Volts
DC Current	3 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	1.68kg, 2.10kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

R-r5_7-[RAM]-[SSD]-19_3-[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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