



Thinvent Neo R/4 Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

SKU: R-R5_7-16-M512-19_3-X-U-0



Powerful computing that fits in the palm of your hand.

Built for the modern workspace where space is at a premium but performance is not: this Mini PC from Thinvent delivers the desktop-grade power you need for everyday business tasks, digital signage, or light data processing. With a 6-core AMD Ryzen 5 processor at its heart, it handles multitasking with ease – from running office suites to managing inventory systems or powering interactive kiosks.

Why choose this machine over a conventional tower? It is remarkably compact, so it tucks neatly behind a monitor, under a desk, or inside a wall-mounted display. That saves valuable desk space and reduces clutter. The fanless design (operating silently) means it is ideal for quiet environments like libraries, clinics, or open-plan offices. And with Ubuntu Linux 24.04 LTS pre-installed, you get a stable, secure, and virus-resistant platform that is perfect for custom applications or embedded use.

For IT managers, this Mini PC is a dream: it sips power, runs cool, and needs virtually no maintenance. The robust steel housing and powder-coated finish mean it withstands demanding industrial or public-facing environments. Plus, with full HD graphics output via HDMI and VGA, you can connect dual displays for increased productivity – great for surveillance monitoring or checkout systems.

Whether you are upgrading legacy hardware, building a thin client network, or need a reliable, cost-effective compute solution, the Thinvent Neo R/4 gives you genuine performance in a tiny, tough package. No compromise, just computing.



Thinvent Neo R/4 Mini PC



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	512 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
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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	1.17kg, 1.58kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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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

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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