



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

DOS

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



Miniature powerhouse, industrial-grade reliability – the Neo R/4 Mini PC.

Effortless performance in a compact frame

- The AMD Ryzen™ 5 7430U processor delivers smooth multitasking and responsive computing for demanding industrial applications, digital signage, or point-of-sale systems.
- Its small footprint saves valuable desk or rack space, making it ideal for environments where real estate is at a premium.
- A steel chassis with a powder-coated finish ensures durability in workshops, factory floors, or retail counters, resisting bumps and dust.

Designed for your control

- Choose your own operating system – FreeDOS gives you the freedom to install exactly the software your business needs, from Windows to Linux.

- Wired Ethernet provides fast, reliable network connectivity for secure data transfers, perfect for environments where wireless isn't suitable or allowed.
- Four USB ports (two USB 3.2 Gen 1) let you connect peripherals, barcode scanners, or printers without clutter.

Built to last, simple to maintain

- Passive cooling means silent operation and fewer moving parts, reducing the risk of failure in continuous-use scenarios.
- Wide operating temperature and humidity tolerance keep the system running reliably even in less-than-ideal conditions.
- With RoHS and ISO certifications, you can trust its build quality and environmental compliance.

Upgrade your operation without upgrading your space – the Thinvent Neo R/4 Mini PC brings dependable AMD performance to the places that matter most.



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	FreeDOS
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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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