Thinvent Neo R/4 Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

128GB SSD

No WiFi

Windows 11 IoT Value

SKU: R-R5_7-4-M128-19_3-X-11V-0

Powerful performance, compact dimensions – the Thinvent Neo R/4 brings industrial-grade computing to your workspace without taking over your desk.

Built for demanding business environments, this mini PC delivers the processing muscle you need for everything from digital signage and point-of-sale systems to light data analytics and office productivity. The AMD Ryzen 5 7430U processor handles multiple applications simultaneously, keeping your workflows smooth and responsive even under load.

Why choose the Thinvent Neo R/4 for your business?

- Reliable, stable operation in 24/7 environments – tested to run continuously in temperatures from 0°C to 40°C, so it's ready for factory floors, retail counters, and unattended kiosks
- Space-saving design that mounts discreetly behind a monitor or under a desk, freeing up valuable workspace and reducing clutter
- Robust steel chassis with a powder-coated finish protects internal components from dust, knocks, and everyday wear – built to last in harsh conditions
- Energy-efficient operation with a low-power 12V adapter that keeps electricity costs down without sacrificing performance
- Pre-installed with Windows 11 IoT Enterprise LTSC 2024 – long-term servicing makes it ideal for mission-critical applications where updates must be controlled
- Standard connectivity options including HDMI and VGA outputs, dual USB 3.2 ports, and Gigabit Ethernet – easy to integrate with existing monitors, peripherals, and wired networks

Whether you're upgrading an industrial control station, deploying a digital menu board, or equipping a busy reception desk, the Thinvent Neo R/4 delivers dependable computing power in a footprint that suits any environment. Choose the mini PC that works as hard as you do.

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	4 GB
SSD Storage	128 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

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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value

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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		**m256** = 256GB	
	m512 = 512GB		**m1024** = 1TB	
	S32 = 32GB MLC		**S128** = 128GB	
	S256 = 256GB			
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	Thinux = Thinux™ Embedded Linux		**U** = Ubuntu Linux	
Accessories	**0** = None		**KM** = Keyboard and Mouse set	
	1S = DB9 Serial		**MK** = Mechanical Keyboard	
	Mo = Wired Optical Scroll Mouse			

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