Thinvent Neo R/4 Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 IoT Value

SKU: R-R5_7-4-M256-19_3-M-11V-0

Ultra-compact power for demanding workspaces.

The Thinvent Neo R/4 Mini PC packs desktop-class performance into a sleek, space-saving chassis. Whether you're managing a busy retail counter, powering a digital signage network, or running a medical workstation, this little machine delivers the reliability and speed you need without cluttering your desk.

Why choose the Neo R/4?

- Seamless multitasking: The AMD Ryzen 5 processor handles multiple applications and background processes with ease, keeping your workflow smooth and responsive.
- Effortless connectivity: Dual-band Wi-Fi, Gigabit Ethernet, and multiple USB ports let you hook up peripherals, displays, and network devices without fuss.
- Ready for the rigours of commerce: Built with a powder-coated steel housing, it's tough enough for 24/7 operation in shops, factories, or public-facing environments.
- Quiet and cool: No noisy fans or bulky cooling – just reliable, efficient performance that stays out of sight and out of mind.
- Pre-laden for business: Windows 11 IoT Enterprise LTSC comes pre-installed, so you can deploy and manage devices with enterprise-grade security and longevity.

From point-of-sale systems to thin-client setups, the Neo R/4 is the compact workhorse that keeps your operations running without interruption. Upgrade your workspace with a mini PC that thinks big.

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	256 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	1.17kg, 1.58kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value

Thinvent Neo R/4 Mini PC

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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