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

Windows 11 IoT Value

Thinvent Keyboard and Mouse set

SKU: R-R5_7-8_8-M2048-19_3-M-11V-KM



Compact power, boundless potential.

Unleash reliable performance for your demanding industrial workspace with the Thinvent Neo R/4 Mini PC. Powered by a high-efficiency AMD processor, this compact machine handles multitasking, data logging, and light automation control without breaking a sweat. Its small footprint means it slips neatly into tight kiosks, digital signage enclosures, or factory bench setups, freeing up valuable desk space.

Why choose the Neo R/4? Because you need a system that just works, day in and day out. With durable steel construction and a powder-coated finish, it shrugs off the bumps and vibrations of an active environment. The included Windows 11 IoT Enterprise LTSC ensures a stable, long-term platform that receives only essential security updates – perfect for mission-critical applications where downtime is not an option.

Connectivity is straightforward and practical. Dual-band Wi-Fi keeps you wirelessly linked to your network, while gigabit Ethernet offers a rock-solid wired option. Two USB 3.2 Gen 1 ports handle high-speed data transfers, and legacy USB 2.0 ports connect older peripherals without fuss. The built-in HDMI and VGA outputs let you drive two displays simultaneously, ideal for monitoring dashboards or point-of-information screens.

Forget fiddling with separate add-ons: every Neo R/4 ships with a matching Thinvent keyboard and mouse, so you're ready to deploy from the moment you open the box. The 12V DC power supply sips energy quietly, keeping your electricity costs low and your operation green.

Whether you're upgrading a production line, refreshing a public display, or building a reliable thin client, the Thinvent Neo R/4 Mini PC delivers dependable, space-saving performance at a sensible price. It's the workhorse your business deserves.



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	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	335mm × 240mm × 110mm
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

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	
	m2048 = 2TB		**S32** = 32GB MLC	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 1TB HDD	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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			

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India