Thinvent Neo R/4 Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

4GB DDR4 RAM

1TB HDD

Dual Band WiFi

Without OS

SKU: R-R5_7-4-H1024-19_3-M-W_OS-0



Compact power that redefines your industrial edge.

Built for the tasks that demand consistent, reliable performance in the most space-constrained environments, the Thinvent Neo R/4 Mini PC puts genuine AMD processing muscle exactly where you need it. Whether you are driving digital signage, powering a thin client workstation, running a self-service kiosk, or managing automation on the factory floor, this little box delivers the headroom you need to keep operations flowing smoothly.

- Experience the energy efficiency and multi-tasking capability of a six-core AMD Ryzen 5 processor – no more struggling with sluggish systems or worrying about thermal overhead in sealed enclosures.
- Keep everything quiet and cool thanks to a fan-based thermal design that handles continuous 24/7 duty cycles, so your deployment stays stable year after year.
- Connect effortlessly with integrated dual-band WiFi and Gigabit Ethernet, giving you the flexibility to place it anywhere on your network without running extra cables.
- Drive a legacy VGA display alongside a modern HDMI monitor – ideal for setups that bridge old and new equipment without adaptors.
- Pick the operating system yourself, because no bundled OS means you can deploy exactly the software stack your business requires, from Windows to Linux to custom embedded platforms.

The steel housing and powder-coated finish stand up to the bumps and knocks of real-world industrial settings. And with a compact footprint that fits neatly behind a monitor, inside a kiosk, or on a DIN rail mount, the Neo R/4 is the miniature powerhouse that makes your next project simpler, smarter, and more cost-effective.



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
HDD Storage	1024 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	Without OS

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	
	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