Thinvent Neo R/4 Mini PC

AMD Ryzen 5 7430U processor

6 core, up to 4.3 GHz, 16 MB cache

8GB DDR4 RAM

32GB SSD

No WiFi

Ubuntu Linux



SKU: R-R5_7-8-S32T-19_3-X-U-0

Powerful computing that fits in the palm of your hand.

Built for the modern workspace where space is at a premium but performance is not: this Mini PC from Thinvent delivers the desktop-grade power you need for everyday business tasks, digital signage, or light data processing. With a 6-core AMD Ryzen 5 processor at its heart, it handles multitasking with ease – from running office suites to managing inventory systems or powering interactive kiosks.

Why choose this machine over a conventional tower? It is remarkably compact, so it tucks neatly behind a monitor, under a desk, or inside a wall-mounted display. That saves valuable desk space and reduces clutter. The fanless design (operating silently) means it is ideal for quiet environments like libraries, clinics, or open-plan offices. And with Ubuntu Linux 24.04 LTS pre-installed, you get a stable, secure, and virus-resistant platform that is perfect for custom applications or embedded use.

For IT managers, this Mini PC is a dream: it sips power, runs cool, and needs virtually no maintenance. The robust steel housing and powder-coated finish mean it withstands demanding industrial or public-facing environments. Plus, with full HD graphics output via HDMI and VGA, you can connect dual displays for increased productivity – great for surveillance monitoring or checkout systems.

Whether you are upgrading legacy hardware, building a thin client network, or need a reliable, cost-effective compute solution, the Thinvent Neo R/4 gives you genuine performance in a tiny, tough package. No compromise, just computing.





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	8 GB
SSD Storage	32 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	Ubuntu Linux 24.04 LTS

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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	
	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			

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