



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set



SKU: R-I5_14-32-M512-12_10-X-U-KM

Unleash Powerful Performance in a Tiny Footprint: The Thinvent® Neo R/4 Mini PC.

Experience unparalleled efficiency and compact design with the Thinvent® Neo R/4 Mini PC. Engineered for productivity and versatility, this mini powerhouse is your gateway to seamless computing.

Processor Powerhouse

- Driven by an Intel® Core™ 5 120U processor, boasting 10 cores that reach up to a blazing 5.0 GHz, with a 12 MB cache for rapid data access.

Agile Memory and Storage

- Multitask with ease thanks to 8GB of DDR4 RAM.
- Experience lightning-fast boot times and application loading with a swift 128GB SSD.

Connectivity and Display Versatility

- Connect multiple displays with 2 HDMI ports and 1 VGA port.
- Expand your peripheral options with 2 USB 3.0 and 2 USB 2.0 ports.
- Enjoy reliable wired networking with a 1000 Mbps Ethernet port.
- Integrated speaker out and mic in for audio essentials.

Robust and Reliable Build

- Housed in durable black steel with a powder coating finish, measuring a compact 198mm x 200mm x 73mm.
- Weighing a mere 110 grams, it's incredibly portable.
- Operates reliably in temperatures from 0°C to 40°C with 20% to 80% humidity.
- Powered by a 12V 7A adapter (100~275 Volts AC input).
- Certified with BIS, RoHS, and ISO for peace of mind.

Included Peripherals and OS

- Comes complete with a Thinvent® Keyboard and Mouse set.
- Pre-installed with the stable and secure Ubuntu Linux 24.04 LTS, offering a free and open-source computing experience.

Perfect for

- Office workstations
- Digital signage
- Home media centers
- Educational institutions



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	10 Amps
Power Input	100~275 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	1.84kg, 2.26kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE				
R-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	64 = 64GB DDR4			
SSD	m128 = 128GB		m256 = 256GB	
	m32 = 32GB		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	
	Thinix = Thinix™ 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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