

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

512GB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I5_14-16-M512-12_5-M-U-0



The Future of Productivity Fits in Your Palm.

Experience unparalleled power and efficiency with the Thinvent® Neo R/4 Mini PC, engineered for the demands of modern computing. This ultra-compact powerhouse redefines what's possible from a desktop, delivering robust performance without compromise.

Performance at its Core

- Unleash incredible speed with the Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a generous 12 MB cache for seamless multitasking and demanding applications.
- Power through any workload with 32GB DDR4 RAM, ensuring silky-smooth operation.
- Enjoy lightning-fast boot-ups and ultra-responsive performance from the 32GB MLC SSD.
- Pre-installed with Ubuntu Linux 24.04 LTS, offering a secure, stable, and open-source computing environment with long-term support.

Seamless Connectivity

- Drive up to three displays simultaneously with 2x HDMI and 1x VGA ports, boosting your productivity.

- Connect all your peripherals effortlessly via 2x USB 3.0 and 2x USB 2.0 ports.
- Stay connected with high-speed dual-band Wi-Fi 5 (802.11ac) and a reliable 1000 Mbps Ethernet port.
- Integrated speaker out and mic in ensure a complete audio experience.

Designed for Durability and Efficiency

- Weighing just 110 grams and measuring a mere 198mm x 200mm x 73mm, this Mini PC vanishes into any workspace.
- Built with a robust steel housing with a sleek black powder coating, it's designed to last.
- Energy-efficient operation with a 12V 7A adapter, featuring a 2-metre cable and supporting 100~275 Volts AC input (1.5 Amps maximum).
- Certified by BIS, RoHS, and ISO, guaranteeing quality and environmental compliance.
- Engineered for reliability in temperatures from 0°C to 40°C and 20% to 80% RH non-condensing.



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	16 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 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	1.23kg, 1.65kg

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
	64 = 64GB DDR4		32 = 32GB 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
	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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