



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

32GB DDR4 RAM

1TB SSD

Dual Band WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: R-I5_14-32-M1024-12_5-M-U-KM



Unleash Powerful Performance in a Compact Design

Introducing the Thinvent® Neo R/4 Mini PC

Experience desktop-grade power optimized for efficiency and versatility. This compact powerhouse is engineered to handle your daily computing needs with remarkable speed and responsiveness, all within an ultra-portable and robust steel chassis.

Key Performance Highlights

- Processor: Intel® Core™ 5 120U processor boasting 10 cores and reaching up to 5.0 GHz, complemented by a 12 MB cache for rapid data access.
- Memory and Storage: A generous 16GB of DDR4 RAM ensures smooth multitasking, while the 128GB SSD provides lightning-fast boot times and application loading.

Connectivity and Versatility

- Display Options: Connect to multiple displays with 2 HDMI ports and 1 VGA port.
- Audio: Integrated Speaker Out and Mic In ports for all your audio needs.
- USB Ports: A total of 4 USB ports (2x USB 3.0, 2x USB 2.0) for ample peripheral connectivity.

- Networking: Stay connected with high-speed 1000 Mbps Ethernet and Dual Band Wi-Fi 5 (802.11ac).

Included Essentials

- Power: A reliable 12V 7A adapter ensures stable power delivery.
- Peripherals: Comes bundled with a Thinvent® Keyboard and Mouse set for immediate productivity.
- Operating System: Pre-installed with Ubuntu Linux 24.04 LTS, offering a stable and customizable open-source experience.

Designed for Durability and Convenience

- Robust Construction: The steel housing with a black power coating ensures longevity.
- Compact Footprint: Measuring just 198mm x 200mm x 73mm, it fits seamlessly into any workspace.
- Lightweight Design: Weighing a mere 110 grams, it's incredibly portable.

This Thinvent® Neo R/4 Mini PC is the smart choice for businesses, educational institutions, and home users seeking reliable performance without the bulk.



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	1024 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	1.74kg, 2.16kg

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
SSD	m128 = 128GB		m256 = 256GB	
	m512 = 512GB		m1024 = 1TB	
	m2048 = 2TB		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	
	110 = 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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