



# Thinvent Neo R/4 Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 16GB DDR4 RAM

## 1TB SSD

## No WiFi

## Thinix Embedded Linux

SKU: R-I5\_14-16-M1024-12\_5-X-THINUX-0



Thinvent Neo R/4: Compact Power, Unrivaled Performance for Your Enterprise.

Elevate your workspace with the Thinvent® Neo R/4 Mini PC, engineered for peak efficiency and robust reliability. This ultra-compact device packs a serious punch, delivering exceptional performance without compromising on space or energy.

### Powerhouse Performance

Experience lightning-fast responsiveness and seamless multitasking with the Intel® Core™ 5 120U processor. Its 10 cores, boasting speeds up to 5.0 GHz and a 12 MB cache, ensure demanding applications run smoothly. Coupled with 8GB DDR4 RAM and a swift 256GB SSD, the Neo R/4 boots instantly and loads applications in a flash, keeping your productivity at its peak.

### Secure and Versatile Thinix™ OS

**The Thinvent® Neo R/4 comes pre-loaded with Thinix™ Embedded Linux, a highly secure, stable, and optimized operating system tailored for business environments. Enjoy a rich feature set designed for productivity and remote management**

- Secure web browsing with Chromium and Mozilla Firefox

- Robust remote access via RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH
- Intuitive browser-based remote management and VNC shadowing
- Support for Java, Python, and glibc based location applications
- Full productivity suite with LibreOffice and a PDF viewer
- Integrated multimedia player and SIP video/voice over IP capabilities

### Robust Connectivity and Design

Connect to multiple displays with two HDMI and one VGA port, perfect for dynamic digital signage or multi-monitor setups. Four USB ports (2 x USB 3.0, 2 x USB 2.0) provide ample peripheral connectivity, while the 1000 Mbps Ethernet ensures rock-solid, secure network access—ideal for environments prioritizing wired stability. Housed in a durable, power-coated black steel chassis, this lightweight (110 grams) and compact (198x200x73mm) Mini PC is built to last and integrates effortlessly into any professional setting. Certified with BIS, RoHS, and ISO, the Neo R/4 guarantees quality and environmental compliance.



## Specifications

### PROCESSING

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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	1024 GB

### DISPLAY

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HDMI	2
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.0	2
USB 2.0	2

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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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

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Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

## Ordering Information

### PRODUCT CODE

**R-i5\_14-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

<b>RAM</b>	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4	<b>32</b> = 32GB DDR4
	<b>64</b> = 64GB DDR4			
<b>SSD</b>	<b>m128</b> = 128GB		<b>m256</b> = 256GB	
	<b>m32</b> = 32GB		<b>m512</b> = 512GB	
	<b>m1024</b> = 1TB		<b>S32</b> = 32GB MLC	
	<b>S128</b> = 128GB		<b>S256</b> = 256GB	
<b>Wireless</b>	<b>m</b> = Dual Band WiFi		<b>X</b> = No WiFi	
<b>OS</b>	<b>DOS</b> = DOS		<b>W_OS</b> = Without OS	
	<b>11V</b> = Windows 11 IoT Value		<b>11P</b> = Windows 11 Pro	
	<b>Thinux</b> = Thinux™ Embedded Linux		<b>U</b> = Ubuntu Linux	
<b>Accessories</b>	<b>0</b> = None		<b>KM</b> = Keyboard and Mouse set	
	<b>1S</b> = DB9 Serial		<b>MK</b> = Mechanical Keyboard	
	<b>Mo</b> = Wired Optical Scroll Mouse			

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