



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

No WiFi

Thinix Embedded Linux

SKU: R-I5_14-16-M256-12_5-X-THINUX-0



Thinvent Neo R/4: Compact Power, Unrivalled 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

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	256 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	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	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]	
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 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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