



Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

2TB SSD

Dual Band WiFi

Thinix Embedded Linux

SKU: R-I5_14-8-M2048-12_7-M-
THINUX-0



Compact Power, Limitless Possibilities.

Experience the future of computing with the Thinvent® Neo R/4 Mini PC. Engineered for exceptional speed and versatility, this powerhouse redefines efficiency in a sleek, robust design, perfect for any workspace.

Unrivalled Performance

- Driven by an Intel® Core™ 5 120U processor, featuring 10 cores and speeds up to 5.0 GHz with a generous 12 MB cache, the Neo R/4 tackles demanding tasks with ease.
- Enjoy rapid application loading and seamless multitasking thanks to 8GB DDR4 RAM and a reliable 32GB MLC SSD, ensuring swift boot-ups and responsive operation.

Optimized with Thinix™

- Powered by Thinvent® Thinix™ Embedded Linux, a secure and efficient operating system designed for productivity and flexibility.
- Access modern web browsing with Chromium and Mozilla Firefox.
- Facilitate robust remote work with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH for secure remote display.
- Streamline management via browser-based remote tools and VNC shadowing.

- Leverage integrated LibreOffice, PDF viewer, multimedia playback with MPEG4 support, and SIP video/voice for comprehensive productivity and communication.
- Supports Java, Python, and glibc based applications for broad compatibility.

Seamless Connectivity

- Connect dual displays effortlessly with 2 HDMI and 1 VGA port.
- Benefit from high-speed data transfer with 2 USB 3.0 and 2 USB 2.0 ports.
- Stay connected with gigabit Ethernet and dual-band Wi-Fi 5 (802.11ac) for ultra-fast networking.
- Integrated speaker out and mic in ensure complete audio solutions.

Designed for Durability

- Its ultra-compact dimensions of 198mm × 200mm × 73mm and featherlight 110 grams make it an ideal space-saver.
- Housed in robust, powder-coated steel, this black mini PC is built to withstand diverse environments (0°C to 40°C, 20-80% RH).
- Energy-efficient with a wide voltage tolerance (100-275V AC) and certified with BIS, RoHS, and ISO for quality assurance.



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	8 GB
SSD Storage	2048 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	7 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	1.32kg, 1.74kg

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
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB		
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux		
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard		

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