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 HDD

Dual Band WiFi

Windows 11 Pro

SKU: R-I5_14-32-H1024-12_7-M-11P-0



Unleash Mighty Performance in a Mini Footprint.

Experience the perfect blend of power, precision, and portability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding tasks, this compact powerhouse redefines efficiency for your home or business.

Unrivaled Performance

- Harness the exceptional processing prowess of the Intel® Core™ 5 120U processor, featuring 10 cores and bursting up to 5.0 GHz with a 12 MB cache for seamless multitasking and lightning-fast responsiveness.
- Multitask effortlessly with 16GB DDR4 RAM.
- Enjoy instant boot-ups and rapid application loading thanks to the swift 256GB SSD.
- Elevate your productivity and security with the pre-installed Microsoft Windows 11 Pro.

Comprehensive Connectivity

- Drive up to three displays simultaneously with 2 HDMI and 1 VGA port, expanding your visual workspace.
- Stay connected with reliable dual-band Wi-Fi 5 (802.11ac) and a blazing 1000 Mbps Ethernet port.
- Connect all your peripherals with 2 USB 3.0 and 2 USB 2.0 ports.
- Integrate your audio setup seamlessly with dedicated speaker out and mic in jacks.

Compact & Robust Design

- Revolutionize your workspace with its incredibly compact dimensions of 198mm × 200mm × 73mm and a featherlight weight of just 110 grams.
- Built to last, its durable steel housing with a sleek black powder coating ensures longevity and a professional aesthetic.
- Designed for continuous operation, it performs reliably across an operating temperature range of 0°C to 40°C and 20% to 80% RH non-condensing humidity.
- Trust in its quality, backed by BIS, RoHS, and ISO certifications.

Efficient Power

- Powered by a stable 12V 7A adapter, compatible with a wide 100~275V AC input range.



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
HDD 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	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	Microsoft Windows 11 Pro

Thinvent Neo R/4 Mini PC

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 **h1024** = 1TB HDD		**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 **11O** = Windows 11 Professional **U** = Ubuntu Linux		**W_OS** = Without OS **11P** = Windows 11 Pro **Thinux** = Thinux™ 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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