Thinvent Neo R/4 Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

4GB DDR4 RAM

1TB SSD

Dual Band WiFi

DOS

DB9 Serial

SKU: R-I5_14-4-M1024-12_5-M-DOS-1S

Unleash Mighty Performance in a Minimal Footprint.

Experience revolutionary computing with the Thinvent® Neo R/4 Mini PC, ideal for professionals and businesses demanding robust power in a compact design. It's your definitive solution for efficient workstations, digital signage, industrial control, and specialized applications.

Unrivalled Performance

- Powered by an Intel® Core™ 5 120U processor (10 cores, up to 5.0 GHz) for seamless multitasking and lightning-fast execution.
- A substantial 32GB DDR4 RAM effortlessly handles heavy workloads, eliminating lag.
- Benefit from rapid boot-ups and quick file access with the responsive 128GB SSD.

Exceptional Connectivity & Versatility

- Drive multiple displays with two HDMI and one VGA output, perfect for expansive visual workspaces.
- Stay connected with blazing-fast dual-band Wi-Fi 5 (802.11ac) and gigabit Ethernet.
- Expand peripherals with two USB 3.0 and two USB 2.0 ports.
- A crucial integrated DB9 serial port provides essential legacy and industrial device compatibility, a valuable asset in modern mini PCs.

Robust and Reliable Design

- Housed in durable, power-coated black steel, built to last in demanding environments.
- Incredibly lightweight (110 grams) and space-saving (198x200x73mm).
- Operates reliably across 0°C to 40°C and wide voltage input, backed by BIS, RoHS, and ISO certifications.

Flexible Operating System

- Comes with FreeDOS, offering the freedom to install your preferred operating system, tailoring the device precisely to your needs.

Transform your workspace with the Thinvent® Neo R/4 Mini PC – where power meets precision and versatility.

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	4 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
Serial Port	1 DB9 male RS232

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	1.23kg, 1.65kg

OPERATING SYSTEM

Operating System	FreeDOS

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
	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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