

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

DOS

SKU: R-I7_12L-8-M1024-12_5-M-DOS-0



Power in a pint-sized package. The Thinvent® Neo R/4 Mini PC delivers formidable desktop performance in a footprint that saves you precious space and power.

Engineered for relentless performance

- Experience smooth, lag-free operation for demanding business applications, digital signage, and point-of-sale systems, ensuring your operations never miss a beat.
- Its robust processing muscle effortlessly handles multitasking, allowing you to run several programmes simultaneously without compromising speed.

Built for connectivity and reliability

- The dual Ethernet ports offer network redundancy and load balancing, providing a rock-solid, high-speed connection that is essential for critical business networks or surveillance setups.

- Its durable, industrial-grade steel construction is built to withstand the rigours of 24/7 operation in diverse environments, from retail shops to factory floors.

Simplify your setup and reduce costs

- The ultra-compact design liberates your workspace from bulky towers, enabling cleaner, more professional installations whether mounted out of sight or placed on a desk.
- Its remarkable energy efficiency slashes power consumption compared to traditional desktops, significantly reducing your running costs and environmental footprint.

Choose the Neo R/4 for a robust, space-saving computing solution that delivers unwavering performance where it matters most.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i7
Processor Brand	Intel
Processor Model	1255U
Cores	10
Max Frequency	4.7 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2
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	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE

R-i7_12l-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

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

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