



Thinvent Neo R/4 Mini PC

Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

2TB SSD

Dual Band WiFi

DOS

SKU: R-I7_12L-16-M2048-12_7-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	16 GB
SSD Storage	2048 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	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	1.72kg, 2.13kg

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	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	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		
	110 = Windows 11 Professional	Thinix = Thinix™ 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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