

## Intel Core i7-1255U processor

10 core, up to 4.7 GHz, 12 MB cache

## Dual LAN

## 8GB DDR4 RAM

## 256GB SSD

## No WiFi

## DOS



SKU: R-I7\_12L-8-M256-12\_5-X-DOS-0

Unleash powerhouse performance in a compact footprint.

Engineered for demanding environments, the Thinvent Neo R/4 Mini PC delivers exceptional reliability and robust connectivity to keep your critical operations running smoothly.

### Ideal Use Cases

- Digital signage and interactive kiosks requiring flawless media playback.
- Industrial automation and machine control where dual Ethernet is essential.
- Thin client and office productivity hubs in space-constrained settings.

- Secure network applications that benefit from a dedicated, wired-only connection.

### Key Benefits

Experience a new level of operational efficiency. Its formidable processing power effortlessly handles complex tasks, while the rugged steel construction ensures durability in challenging conditions. The dual Gigabit LAN ports provide unparalleled network flexibility and redundancy for mission-critical setups. Free from unnecessary wireless components, it offers a streamlined, secure foundation for your bespoke software solutions.

Built to perform where it matters most.



# Thinvent Neo R/4 Mini PC



## Specifications

### PROCESSING

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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	256 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.2	2
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
Ethernet Ports	2

### POWER

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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

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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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

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Operating System	FreeDOS
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## Ordering Information

### PRODUCT CODE

**R-i7\_12l-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]**

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

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