

## Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

## 16GB DDR4 RAM

## 512GB SSD

## No WiFi

## DOS

## DB9 Serial



SKU: R-I3\_12-16-M512-12\_5-X-DOS-1S

Unleash Mighty Performance in a Mini Footprint.

Experience robust power and unmatched reliability with the Thinvent® Neo R/4 Mini PC. Engineered for demanding applications, this compact powerhouse excels where space and stability are paramount.

### Core Performance

- Powered by an Intel® Core™ i3-1215U processor (6 cores, up to 4.4 GHz, 10 MB cache), ensuring swift multitasking and efficient data processing.
- Navigate applications effortlessly with 4GB DDR4 RAM and enjoy lightning-fast boot times and responsive operations from the 128GB SSD.

### Connectivity & Control

- Designed for secure, wired environments, the Neo R/4 features no Wi-Fi, ideal for sensitive networks or dedicated setups.
- Integrate seamlessly with industrial equipment using the vital DB9 male RS232 serial port.

- Enjoy versatile display options with HDMI and VGA ports, plus dual USB 3.2 and USB 2.0 for all your peripherals.
- Benefit from rock-solid 1000 Mbps Ethernet for network stability.

### Built for Durability

- Housed in a durable, powder-coated steel chassis, this sleek black Mini PC is built to last.
- Weighing just 110 grams and measuring 198mm x 200mm x 73mm, it integrates effortlessly.
- Powered by a stable 12V 7A adapter with a wide input range, ensuring consistent power.
- Ready for use with FreeDOS, offering flexibility for your chosen operating system.

### Quality Assurance

- Backed by BIS, RoHS, and ISO certifications, guaranteeing premium quality and compliance.



## Specifications

### PROCESSING

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Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	512 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
USB 2.0	2
Serial Port	1 DB9 male RS232
RS485 Option	1

### NETWORKING

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Ethernet	1000 Mbps
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### 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	1.59kg, 2.01kg

### OPERATING SYSTEM

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Operating System	FreeDOS
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## Ordering Information

PRODUCT CODE			
<b>R-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]</b>			
<b>RAM</b>	<b>4</b> = 4GB DDR4	<b>8</b> = 8GB DDR4	<b>16</b> = 16GB DDR4
	<b>64</b> = 64GB DDR4		<b>32</b> = 32GB 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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