

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

512GB SSD

No WiFi

DOS

DB9 Serial



SKU: R-I3_13-16-M512-12_5-X-DOS-1S

Thinvent® Neo R/4: Industrial Strength, Compact Brilliance.

Experience robust performance and unparalleled reliability with the Thinvent® Neo R/4 Mini PC. Designed for demanding business, industrial, and specialized applications, this compact powerhouse delivers uncompromising efficiency where it matters most.

Performance That Drives Productivity

- At its core, an Intel® Core™ i3-1315U processor with 6 cores and speeds up to 4.5 GHz, backed by a 10 MB cache, ensures swift, responsive multitasking.
- With a generous 32GB DDR4 RAM, you'll effortlessly handle resource-intensive tasks and complex operations.
- A 128GB SSD provides lightning-fast boot-ups and rapid application loading, keeping your workflows seamless.

Built for Connectivity & Control

- Critical for industrial and legacy systems, a dedicated DB9 RS232 serial port ensures seamless integration with specialized equipment.
- Expand your visual workspace with both HDMI and VGA outputs.

- Four USB ports (two USB 3.2, two USB 2.0) offer ample peripheral connectivity.
- A blazing 1000 Mbps Ethernet port guarantees secure, high-speed wired networking, prioritizing stability over wireless.

Rugged Durability, Agile Design

- Housed in durable, powder-coated steel with a sleek black finish, this Mini PC is engineered to withstand challenging environments.
- Its remarkably compact dimensions (198mm × 200mm × 73mm) and feather-light 110-gram weight make deployment incredibly flexible.
- Certified with BIS, RoHS, and ISO standards, ensuring quality and compliance.
- Operates reliably within 0°C to 40°C, ready for diverse settings.

Optimized for Specialized Solutions

- Shipped with FreeDOS, it's the perfect foundation for embedded systems, custom applications, or legacy software, offering maximum control and minimal overhead.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	13th
Series	i3
Processor Brand	Intel
Processor Model	1315U
Cores	6
Max Frequency	4.5 GHz
Cache	10 MB
Main Memory	16 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
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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	1.52kg, 1.94kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE			
R-i3_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4
	64 = 64GB DDR4		32 = 32GB 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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