

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

512GB SSD

No WiFi

DOS

DB9 Serial



SKU: R-I3_12-32-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.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 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
RS485 Option	1

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	1.59kg, 2.01kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE			
R-i3_12-[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
	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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