



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

16GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Professional

DB9 Serial



SKU: R-I3_12-16-M1024-12_7-X-11O-1S

Rugged, reliable and remarkably quick – the Neo R/4 Mini PC is the quiet workhorse your business can count on.

Built for the working environment

- Sits neatly on a desk, behind a display or tucked into a cramped control cabinet, freeing up valuable workspace
- Powder-coated steel housing shrugs off knocks, dust and the occasional spill, so it keeps performing shift after shift
- Runs cool and silent, with no whirring fans to distract you or disrupt a quiet office
- Draws modest power, which means lower running costs and less heat in your workspace

Engineered to fit right in

- Ready to drive digital signage, point-of-sale terminals, self-service kiosks and industrial control panels straight out of the box
- Built-in serial port connects effortlessly to legacy machinery, barcode scanners, weigh scales and payment devices – no extra adapters needed

- Dual display outputs let you run two screens for improved productivity and smoother customer-facing setups
- Runs Windows 11 Professional, giving you familiar tools, robust security and seamless management across your fleet

The sensible upgrade

- Delivers responsive everyday performance for office tasks, light design work and data entry, so your team never waits on a sluggish machine
- Solid-state storage means quicker boot-ups, snappier application launches and dependable operation with no moving parts to wear out
- Compact footprint and a two-metre power lead give you flexible placement anywhere from retail counters to factory floors

Choose the Neo R/4 when you need a dependable mini PC that gets on with the job and never makes a fuss. It is the simple, secure and sensibly priced solution that keeps your business moving.



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	16 GB
SSD Storage	1024 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	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	1.68kg, 2.10kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE			
R-i3_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 32_32 = 64GB DDR4 RAM (2 x 32GB)	8 = 8GB DDR4 16_16 = 32GB DDR4 RAM (2 x 16GB)	16 = 16GB DDR4 8_8 = 16GB DDR4 RAM (2 x 8GB)
	32 = 32GB DDR4		
SSD	m128 = 128GB m512 = 512GB m2048 = 2TB S128 = 128GB	m256 = 256GB m1024 = 1TB S32 = 32GB MLC S256 = 256GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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