Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM

32GB SSD

No WiFi

Windows 11 Professional



SKU: R-I3_12-32-S32T-12_7-X-11O-0

Small footprint, serious workhorse – the Neo R/4 keeps your business moving without taking up space or letting you down.

Why choose the Thinvent Neo R/4

It is engineered for the places where ordinary desktops struggle – busy shop floors, reception desks, factory lines and control rooms. Its compact steel body shrugs off knocks, dust and the occasional bump, so you can tuck it behind a screen, under a counter or inside a cabinet and forget it is there. Meanwhile, the 12th-generation Intel Core processing power means everyday tasks, from invoicing to inventory, feel instantly responsive.

Built for business, not just browsing

With Windows 11 Professional onboard, you get the security, remote management and domain-join features that IT teams actually want. The dependable wired network connection keeps your data flowing steadily and safely, without the interference or security worries of wireless – perfect for environments where reliability matters more than roaming.

Ready for the real world

- Use it as a point-of-sale hub, quietly driving your till, receipt printer and customer display.
- Deploy it in digital signage, powering vivid screens in retail, hospitality or waiting areas.
- Run it as a lightweight edge workstation, collecting sensor data or driving simple machine controls.
- Keep it in the back office as a no-nonsense PC for spreadsheets, email and cloud applications.

Made to keep working

The fan-assisted design, robust powder-coated casing and wide-temperature tolerance mean this mini PC copes with warm, dusty, demanding environments that would fluster a consumer laptop. And with comprehensive safety certifications, you can install it with total confidence.

The Thinvent Neo R/4 is not just another small computer. It is the quiet, sturdy backbone your daily operations deserve – ready to run for years, and ready for whatever you throw at it.





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	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps

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	**8** = 8GB DDR4	**16** = 16GB DDR4	**32** = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	**16_16** = 32GB DDR4 RAM (2 x 16GB)	**8_8** = 16GB DDR4 RAM (2 x 8GB)	
SSD	**m128** = 128GB		**m256** = 256GB	
	m512 = 512GB		**m1024** = 1TB	
	m2048 = 2TB		**S32** = 32GB MLC	
	S32T = 32GB		**S128** = 128GB	
	S256 = 256GB		**h1024** = 1TB HDD	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS		**W_OS** = Without OS	
	11V = Windows 11 IoT Value		**11P** = Windows 11 Pro	
	11O = Windows 11 Professional		**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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