



Thinvent Neo R/4 Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

32GB DDR4 RAM (2 x 16GB)

1TB SSD

Dual Band WiFi

Ubuntu Linux

SKU: R-I3_12-16_16-M1024-12_10-M-U-0



Unleash potent performance in a miniature footprint.

Introducing the Thinvent® Neo R/4 Mini PC: a powerhouse designed for efficiency and versatility. Experience lightning-fast responsiveness and seamless multitasking with its Intel® Core™ i3-1215U processor. This 6-core marvel, bursting up to 4.4 GHz with a 10 MB cache, ensures your applications run smoothly, from everyday tasks to demanding workloads. Paired with 8GB of swift DDR4 RAM and a rapid 128GB SSD, boot times are instant and data access is quicker than ever.

Operating System Excellence

- Pre-installed with Ubuntu Linux 24.04 LTS, enjoy a secure, stable, and user-friendly computing environment without licensing fees. Benefit from open-source flexibility and robust privacy features.

Connectivity & Display

- Connect effortlessly with dual-band Wi-Fi 5 (802.11ac) and a blazing 1000 Mbps Ethernet port.
- Expand your visual workspace with simultaneous HDMI and VGA outputs for dual monitor support.
- Stay connected with two USB 3.2 and two USB 2.0 ports, plus dedicated speaker and mic jacks.

Built to Last

- Encased in a durable, power-coated black steel housing, the Neo R/4 is built for longevity.
- Its incredibly compact dimensions (198x200x73mm) and featherlight 110-gram design make it a discreet addition to any desk or setup.
- Designed for reliable operation in typical environments (0°C to 40°C), backed by BIS, RoHS, and ISO certifications.

Powering your productivity has never been this smart or compact.



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	1024 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	10 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	Ubuntu Linux 24.04 LTS
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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 S32 = 32GB MLC S256 = 256GB	m256 = 256GB m1024 = 1TB S128 = 128GB	
Wireless	m = Dual Band WiFi	X = No WiFi	
OS	DOS = DOS 11V = Windows 11 IoT Value Thinux = Thinux™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux	
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard	

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