



Thinvent Neo R/4 Mini PC

Intel Core i3-1315U processor

6 core, up to 4.5 GHz, 10 MB cache

16GB DDR4 RAM

1TB SSD

Dual Band WiFi

Without OS

DB9 Serial

SKU: R-I3_13-16-M1024-12_10-M-W_OS-1S



Experience uncompromised performance in a remarkably compact form.

Introducing the Thinvent® Neo R/4 Mini PC, engineered for efficiency, versatility, and enduring reliability. This powerful mini PC redefines desktop computing, delivering robust performance without occupying valuable space, making it ideal for business, industrial, or space-constrained environments.

Unrivalled Performance

Powered by the Intel® Core™ i3-1315U processor with 6 cores boosting up to 4.5 GHz and a 10 MB cache, the Neo R/4 handles demanding applications and multitasking with ease.

- Seamlessly run multiple programs with 16GB DDR4 RAM.
- Enjoy lightning-fast boot-ups and application loading from the spacious 512GB SSD.

Exceptional Connectivity

Designed for maximum utility, the Neo R/4 ensures you stay connected and productive.

- Essential DB9 male RS232 serial port for legacy devices, POS systems, or industrial applications.
- Dual display support with 1 HDMI and 1 VGA port enhances your workspace.

- High-speed wired networking via 1000 Mbps Ethernet.
- Reliable dual-band Wi-Fi 5 (802.11ac) for flexible wireless connections.
- Four USB ports (2x USB 3.2, 2x USB 2.0) provide ample peripheral connectivity.
- Integrated speaker out and mic in for full audio functionality.

Built to Endure

Crafted with a durable black steel housing finished with powder coating, this mini PC is built for longevity. Its ultra-compact dimensions (198mm × 200mm × 73mm) and incredibly light weight (110 grams) allow for discreet placement and easy integration. With a wide 100~275V AC power input and an operating temperature range of 0°C to 40°C, it's ready for diverse operational settings.

Flexible & Compliant

The Thinvent Neo R/4 comes without an operating system, offering you the freedom to install your preferred OS. Rest assured with BIS, RoHS, and ISO certifications, guaranteeing quality and environmental responsibility. Discover the future of compact computing. Get your Thinvent Neo R/4 today!



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	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

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	1.61kg, 2.03kg

OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE			
R-i3_13-[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	

www.thinvent.in
sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing
 #11 Sports Complex
 Salvador Do Mundo
 North Goa - 403101, India

Sales
 UGF-10-A Omaxe Gurgaon Mall
 Sector 49, Sohna Road
 Gurgaon - 122018, India

