



Thinvent Neo R/4 Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

32GB MLC SSD

Dual Band WiFi

Ubuntu Linux

DB9 Serial

SKU: R-N5-16-S32-12_7-M-U-1S



Unleash Big Power from a Tiny Footprint.

Engineered for the Real World

Discover the Thinvent® Neo R/4, the robust mini PC that thrives where ordinary computers can't. Its industrial-grade design and fanless construction mean silent, reliable operation in demanding environments, from the shop floor to the retail point of sale.

Your Versatile Digital Workhorse

- Deploy it as a discreet digital signage player, running content flawlessly day and night.
- Transform any space into a smart kiosk for seamless customer interactions.

- Create a compact and efficient thin client for secure office or industrial network access.
- Utilise the legacy serial port for direct, hassle-free connections to specialised equipment and machinery.

Why Choose the Neo R/4?

It's more than just a small computer. It's a dependable solution that gets the job done without fuss. With pre-installed Ubuntu Linux for stability and security, integrated dual-band Wi-Fi for flexible connectivity, and a rugged steel casing, it's built for longevity. Free up your space and your mind with a device that delivers consistent performance, quietly and reliably, wherever you need it most.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	11th
Series	Celeron
Processor Brand	Intel
Processor Model	N5095A
Cores	4
Max Frequency	2.9 GHz
Cache	4 MB
Main Memory	16 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4
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	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	1.57kg, 1.99kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE

R-N5-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
SSD	m128 = 128GB	m256 = 256GB	m1024 = 1TB	S128 = 128GB
	m512 = 512GB			
	S32 = 32GB MLC			
	S256 = 256GB			
Wireless	m = Dual Band WiFi	X = No WiFi		
OS	DOS = DOS	W_OS = Without OS		
	11I = Windows 11 IoT	11P = Windows 11 Pro		
	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			

www.thinvent.insales@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

