Thinvent Neo R/4 Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

16GB DDR4 RAM

1TB HDD

Dual Band WiFi

Thinux Embedded Linux

SKU: R-N5-16-H1024-12_5-M-THINUX-0



Unleash the power of compact computing.

Powerful performance in a tiny, rugged package. The Thinvent Neo R/4 Mini PC is engineered to handle demanding industrial tasks without taking up space or demanding your attention. Its robust steel chassis and efficient, quiet operation ensure reliability day in, day out.

Ideal for a multitude of applications

- Digital signage and interactive kiosks that captivate customers.
- Industrial control systems that demand steadfast, 24/7 uptime.
- Edge computing nodes that process data right where it's needed.
- Thin client workstations for secure, centralised office environments.
- Multimedia and information points in public spaces or retail.

Why choose the Thinvent Neo R/4?



Built for business: It arrives ready to work, pre-loaded with Thinux™ Embedded Linux, offering a secure and stable platform for your critical applications. This is not a consumer gadget; it's a professional tool designed for longevity and ease of management.

Simplified remote control: Manage and monitor your entire fleet of devices effortlessly. Update software, troubleshoot issues, or deploy new content from a single, central location, dramatically reducing maintenance costs and on-site visits.

Reliable connectivity: Stay connected with dual-band Wi-Fi and Gigabit Ethernet, ensuring your applications have a stable link to the network and cloud services they depend on.

Make the intelligent choice for your operational technology. The Thinvent Neo R/4 delivers industrial-grade reliability and effortless management, freeing you to focus on what really matters—your business.

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
HDD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 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	1.48kg, 1.90kg

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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 **m512** = 512GB **m2048** = 2TB **S128** = 128GB **h1024** = 1TB HDD		**m256** = 256GB **m1024** = 1TB **S32** = 32GB MLC **S256** = 256GB	
Wireless	**m** = Dual Band WiFi		**X** = No WiFi	
OS	**DOS** = DOS **11I** = Windows 11 IoT **11O** = Windows 11 Professional **U** = Ubuntu Linux		**W_OS** = Without OS **11P** = Windows 11 Pro **Thinux** = Thinux™ Embedded 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