Thinvent Neo R/4 Mini PC

Intel processor N5095A

4 core, up to 2.9 GHz, 4 MB cache

32GB DDR4 RAM

32GB SSD

No WiFi

Windows 11 IoT



SKU: R-N5-32-S32T-12_5-X-11I-0

Thinvent® Neo R/4: Uncompromising Performance in a Micro Form Factor.

Discover the Thinvent® Neo R/4 Mini PC, meticulously engineered for efficiency and unwavering reliability in a remarkably compact design. This robust system delivers essential power for your specialized applications, from embedded solutions to focused desktop tasks, all while maintaining a minimal footprint.

Performance at its Core

- Experience smooth multitasking and responsive operations powered by the Intel® N5095A processor, featuring 4 cores and burst speeds up to 2.9 GHz with a 4 MB cache.
- Benefit from rapid boot-ups and snappy application handling, thanks to 4GB of DDR4 RAM and a swift 128GB SSD.

Robust Connectivity

- Drive dual displays simultaneously with integrated HDMI and VGA ports for enhanced productivity.
- Connect essential peripherals instantly using 4 high-speed USB 3.0 ports.
- Ensure stable, gigabit-speed networking with the dedicated 1000 Mbps Ethernet port – ideal for secure, wired environments.
- Basic audio needs are met with Speaker Out and Mic In ports.

Engineered for Durability and Stability

- Housed in a durable, powder-coated black steel chassis (198mm × 200mm × 73mm), this Mini PC is designed for long-term resilience.
- Pre-installed with Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, offering superior security, stability, and extended support for industrial and embedded uses.
- Built to operate reliably in temperatures from 0°C to 40°C and 20% ~ 80% RH non-condensing humidity.
- Energy-efficient operation with a 12V 2A adapter and universal 100~240V AC power input.
- Certifications including BIS, RoHS, and ISO underscore its quality and compliance.

Ultra-Compact and Featherlight Design

- At an incredibly lightweight 110 grams, this Mini PC fits seamlessly into any workspace without clutter, offering a powerful solution that’s easy to deploy.

Ideal Applications

- Perfect for kiosks, digital signage, thin clients, industrial control, and focused office workstations where reliability and security are paramount.





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	32 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	4

NETWORKING

Ethernet	1000 Mbps

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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry

Thinvent Neo R/4 Mini PC

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 **S32T** = 32GB **S256** = 256GB		**m256** = 256GB **m1024** = 1TB **S32** = 32GB MLC **S128** = 128GB **h1024** = 1TB HDD	
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	

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