

Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

64GB DDR4 RAM

32GB SSD

No WiFi

Ubuntu Linux



SKU: R-100-64-M32-12_5-X-U-0

Thinvent® Neo R/4: Compact Power, Uncompromised Performance.

Discover the Thinvent® Neo R/4 Mini PC, a powerhouse designed for efficiency and reliability in a remarkably compact form factor. Perfect for office workstations, educational environments, or dedicated applications, this mini PC redefines performance without consuming valuable space.

Performance That Drives Productivity

- Experience smooth multitasking and responsive application handling with the Intel® N100 processor. Its 4 cores burst up to 3.4 GHz, supported by 6 MB cache, ensuring your daily tasks are handled with ease.
- Coupled with 8GB of lightning-fast DDR4 RAM, the Neo R/4 keeps your workflow fluid.
- Boot up in seconds and load applications quickly thanks to the rapid 128GB SSD storage.

Robust Connectivity and Reliable Networking

- Stay connected with a versatile array of ports, including 2x USB 3.2 Gen 2, 1x USB 3.2 Gen 1, and 1x USB C for all your peripherals.
- Drive dual displays effortlessly with dedicated HDMI and VGA outputs.
- Enjoy crystal-clear audio with Speaker Out and Mic In ports.

- Benefit from rock-solid, high-speed networking with a 1000 Mbps Ethernet connection, ensuring consistent data transfer for critical operations.

Engineered for Durability and Efficiency

- Housed in a robust steel chassis with an elegant black powder coating, the Neo R/4 is built to last.
- Its minuscule dimensions (198mm x 200mm x 73mm) and feather-light 110-gram weight make it incredibly versatile for any setup.
- The included 12V 5A adapter and 2-metre cable ensure efficient and flexible power delivery, operating reliably between 0°C and 40°C.

Secure and Stable Operating System

- Pre-installed with Ubuntu Linux 24.04 LTS, the Neo R/4 offers a secure, stable, and user-friendly open-source environment. Benefit from long-term support, robust security features, and no licensing fees.

Quality and Compliance

- Rest assured with certifications including BIS, RoHS, and ISO, confirming its adherence to high standards of quality, safety, and environmental responsibility.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	12th
Series	N
Processor Brand	Intel
Processor Model	N100
Cores	4
Max Frequency	3.4 GHz
Cache	6 MB
Main Memory	64 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2 Gen 2	2
USB 3.2 Gen 1	1
USB C	1
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
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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
Thermal Design	Fanless Passive Cooling
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	1.52kg, 1.94kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
R-100-[RAM]-[SSD]-12_5-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB 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 Thinix = Thinix™ Embedded Linux U = Ubuntu Linux
Accessories	0 = None KM = Keyboard and Mouse set 1S = DB9 Serial MK = Mechanical Keyboard Mo = Wired Optical Scroll Mouse

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