



Thinvent Neo R/4 Mini PC

Intel processor N100

4 core, up to 3.4 GHz, 6 MB cache

64GB DDR4 RAM

512GB SSD

Dual Band WiFi

Thinix Embedded Linux

Wired Optical Scroll Mouse

SKU: R-100-64-M512-12_2-M-THINUX-MO



Unleash Productivity: The Thinvent® Neo R/4 Mini PC

Experience compact power and seamless connectivity with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency, this mini PC boasts a robust Intel® processor N100 with 4 cores and a maximum frequency of 3.4 GHz, delivering swift performance for your daily tasks. Paired with 4GB of DDR4 RAM and a zippy 32GB MLC SSD, boot times and application loading are remarkably fast.

Key Features and Benefits

- Powerful Processing: Intel® processor N100, 4 cores, up to 3.4 GHz, 6 MB cache for smooth multitasking.
- Ample Memory: 4GB DDR4 RAM for responsive application handling.
- Fast Storage: 32GB MLC SSD for rapid data access and boot times.
- Versatile Connectivity: Dual Band WiFi (Wi-Fi 5) for reliable wireless networking and a comprehensive port selection including USB 3.2 Gen 2, USB 3.2 Gen 1, USB C, HDMI, and VGA for extensive peripheral support.

- Robust Operating System: Thinix™ Embedded Linux, optimized for performance and security.
- Pre-installed Applications: Includes Chromium and Mozilla Firefox browsers, LibreOffice, a PDF viewer, and a multimedia player for immediate productivity and entertainment.
- Remote Access Capabilities: RDP 10, Putty, SSH, and VNC shadowing enable effortless remote management and collaboration.
- Built for Reliability: Durable steel housing with a sleek black powder coating, designed for an operating temperature range of 0°C to 40°C.
- Energy Efficient: Powered by a 12V 5A adapter, ensuring efficient energy consumption.
- Included Peripherals: Comes bundled with a Wired Optical Scroll Mouse and a 2-meter power cable for an out-of-the-box experience.

The Thinvent® Neo R/4 is the perfect solution for businesses seeking a cost-effective, space-saving, and highly capable computing device.



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	512 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

NETWORKING

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

POWER

DC Voltage	12 Volts
DC Current	2 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 0.9 Amps maximum
Cable Length	1 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	1.25kg, 1.67kg

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.

Ordering Information

PRODUCT CODE	
R-100-[RAM]-[SSD]-[Adapter]-[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
Adapter	12_2 = 12V 2A Adapter 12_5 = 12V 5A Adapter
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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