



Thinvent Neo R/4 Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

32GB MLC SSD

No WiFi

Thinux Embedded Linux



SKU: R-B-8_3-S32-19_1-X-THINUX-0

Unleash Power, Embrace Simplicity: The Thinvent® Neo R/4 Mini PC.

Experience compact computing redefined with the Thinvent® Neo R/4 Mini PC. Engineered for efficiency and reliability, this powerhouse delivers robust performance in an incredibly small footprint. Driven by a 4-core Intel® processor, it effortlessly handles demanding tasks while its 128GB SSD ensures lightning-fast boot-ups and application loading.

Key Features

- Processor: Intel® J1900 (4 cores, up to 2.4 GHz, 2 MB cache)
- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD
- Display Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- Connectivity: 1 USB 3.0, 4 USB 2.0, 1000 Mbps Ethernet
- Power: 12V 5A Adapter (100~240V AC input)

The Thinvent® Neo R/4 comes pre-loaded with Thinux™, a purpose-built embedded Linux OS designed for seamless operation. Access the web with Chromium and Mozilla Firefox, or connect remotely with RDP 10, Putty, and SSH. Manage your devices easily with browser-based remote management and VNC shadowing.

Unlock further potential with support for Java, Python, and glibc-based applications. Enjoy productivity with LibreOffice and PDF viewing, or immerse yourself in multimedia with its MPEG4-capable player. Engage in crystal-clear communication with SIP video and voice over IP capabilities.

Built with a durable steel housing and finished in a sleek black power coating, this mini PC is as tough as it is compact. Its energy-efficient design, operating within a 0°C to 40°C range, makes it ideal for a variety of environments. Despite its power, it weighs a mere 110 grams.

Certifications

- BIS, RoHS, ISO

Dimensions

- 198mm x 200mm x 73mm

Embrace a smarter, more efficient computing future with the Thinvent® Neo R/4 Mini PC.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	7th
Series	Celeron
Processor Brand	Intel
Processor Model	J1900
Cores	4
Max Frequency	2.4 GHz
Cache	2 MB
Main Memory	8 GB
SSD Storage	32 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	1
USB 2.0	4

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	19 Volts
DC Current	1.3 Amps
Power Input	100~280 Volts AC, 50 Hz, 0.7 Amps maximum
Cable Length	1.8 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	1.10kg, 1.52kg

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-B-[RAM]-[SSD]-19_1-X-[OS]-[Accessories]

RAM	4_3 = 4GB DDR3	8_3 = 8GB DDR3
SSD	S32 = 32GB MLC S256 = 256GB	S128 = 128GB
OS	DOS = DOS 11I = Windows 11 IoT Thinix = Thinix™ Embedded Linux	W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard

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