



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

DB9 Serial



SKU: R-B-8_3-S32-19_1-X-THINUX-1S

Unleash Powerful, Compact Computing: The Thinvent® Neo R/4 Mini PC.

Introducing the Thinvent® Neo R/4 Mini PC, a compact powerhouse designed for efficiency and reliability. Experience seamless performance powered by the Intel® J1900 quad-core processor, clocking up to 2.4 GHz with 2 MB cache. Multitasking is effortless with 4GB of DDR4 RAM, and lightning-fast boot-ups and application loads are guaranteed by the 128GB SSD.

Robust Connectivity

- Versatile display options with HDMI and VGA outputs.
- Immerse yourself in audio with Speaker Out and clear voice capture via Mic In.
- Expand your peripherals with one USB 3.0 port and four USB 2.0 ports.
- Essential for industrial and legacy systems: one DB9 male RS232 serial port.
- High-speed 1000 Mbps Ethernet for reliable network connections.

Intelligent Embedded Operating System

- Ships with Thinvent® Thinux™ Embedded Linux, optimized for performance and security.

- Benefit from included Chromium and Mozilla Firefox browsers for web access.
- Secure remote management and access with RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, browser-based management, and VNC shadowing.
- Develop and deploy applications with support for Java, Python, and glibc.
- Productive workflow with LibreOffice and PDF viewer.
- Enjoy multimedia content with a player supporting MPEG4.
- Integrated SIP for video and voice over IP communication.

Built to Last

- Durable steel housing with a sleek black powder coating.
- Operates reliably in temperatures from 0°C to 40°C with 20% to 80% humidity.
- Compact dimensions (198mm × 200mm × 73mm) and an incredibly light 110 grams make placement easy.
- Energy-efficient 12V 5A adapter ensures low power consumption.
- Certified for quality and compliance: BIS, RoHS, ISO.



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
Serial Port	1 DB9 male RS232

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 Thinux = Thinux™ 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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