

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

128GB SSD

No WiFi

Windows 11 IoT

SKU: R-B-8_3-S128-19_1-X-11I-0



Unleash Compact Power with the Thinvent® Neo R/4 Mini PC

Experience seamless performance and robust reliability in an incredibly compact form factor. The Thinvent® Neo R/4 is engineered to deliver efficiency for your essential computing needs, powered by an Intel® J1900 quad-core processor reaching up to 2.4 GHz. This Mini PC is built for demanding environments, featuring a durable steel housing with a sleek black powder coating, ensuring longevity and a professional aesthetic.

Key Features and Benefits

- Powerful Processing:
 - 4 Cores for efficient multitasking.
 - Up to 2.4 GHz max frequency for responsive operation.
 - 2 MB cache for quick data access.
 - Speedy Storage and Memory:
 - 4GB DDR4 RAM for smooth application performance.
 - 128GB SSD for rapid boot-up and file transfers.
 - Versatile Connectivity:
 - 1 HDMI and 1 VGA port for dual monitor support.
 - 1 USB 3.0 and 4 USB 2.0 ports for diverse peripherals.
 - 1 Speaker Out and 1 Mic In for audio integration.
 - 1000 Mbps Ethernet for reliable network access.
 - Built for Reliability:
 - Runs on Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, optimized for industrial and embedded solutions.
 - Operates within a 0°C ~ 40°C temperature range and 20% ~ 80% humidity.
 - Robust steel housing designed for durability.
 - Compact and Efficient:
 - Slim dimensions (198mm × 200mm × 73mm) and lightweight design (110 grams).
 - Energy-efficient 12V 5A adapter with a 2-meter cable.
 - BIS, RoHS, and ISO certifications guarantee quality and compliance.
- The Thinvent® Neo R/4 Mini PC is your solution for space-constrained, performance-driven applications.



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	128 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	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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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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