



Thinvent Neo R/4 Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

128GB SSD

No WiFi

Without OS

DB9 Serial



SKU: R-B-8_3-S128-19_7-X-W_OS-1S

Unleash Compact Power: The Thinvent® Neo R/4 Mini PC.

Experience robust performance and reliable connectivity in a surprisingly small package. The Thinvent® Neo R/4 is engineered for efficiency and versatility, making it an ideal solution for industrial applications, digital signage, or as a powerful desktop alternative. Its steel construction ensures durability, while the black powder coating adds a sleek, professional look.

Key Features

- **Powerful Processing:** At its heart lies an Intel® J1900 quad-core processor, delivering speeds up to 2.4 GHz with a 2 MB cache for smooth multitasking and demanding operations.
- **Speedy Storage:** A 128GB SSD provides rapid boot times and quick data access, significantly enhancing productivity.
- **Ample Memory:** 4GB of DDR4 RAM supports your essential applications with responsiveness.
- **Versatile Connectivity:** Equipped with HDMI, VGA, multiple USB ports (1x USB 3.0, 4x USB 2.0), and a high-speed 1000 Mbps Ethernet port.

- **Industrial Grade Serial Port:** Features one DB9 male RS232 serial port for seamless integration with legacy equipment.
- **Built for Reliability:** Operates efficiently within a 0°C to 40°C temperature range and includes a 12V 5A adapter.
- **Designed for Your Environment:** Compact dimensions (198mm × 200mm × 73mm) and a lightweight design (110 grams) allow for flexible placement.
- **Ready for Customization:** Ships without an operating system, giving you the freedom to install your preferred software solution.

Certifications

- BIS
- RoHS
- ISO

Power Specifications

- Input: 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
- Output: 12V 5A Adapter, 2 Metre Cable Length

This Mini PC is more than just a compact computer; it's a dependable workhorse designed to perform.



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	128 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	7 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	1.5 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	Without OS
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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 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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