



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

Windows 11 IoT

Thinvent Keyboard and Mouse set

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



Unleash Productivity with the Thinvent® Neo R/4 Mini PC: Power in a Compact Steel Shell.

Experience seamless multitasking and efficient operation with the Thinvent® Neo R/4 Mini PC, engineered for reliability and performance. This robust steel-cased powerhouse features a potent Intel® J1900 processor with 4 cores reaching up to 2.4 GHz, ensuring smooth handling of your essential business applications. Coupled with 4GB of DDR4 RAM and a lightning-fast 128GB SSD, boot times and application loading are dramatically reduced, empowering you to get more done, faster.

Versatile Connectivity and Essential Peripherals

- Enjoy flexible display options with both HDMI and VGA ports.
- Connect your audio devices with dedicated Speaker Out and Mic In ports.
- Expand your workspace with one USB 3.0 and four USB 2.0 ports.
- Experience blazing-fast network speeds with the 1000 Mbps Ethernet port.

- This package includes a Thinvent® Keyboard and Mouse set for an immediate, productive setup.

Built for the Demands of Business

- Powered by Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, providing a stable and secure operating environment.
- Compact dimensions (198mm × 200mm × 73mm) and lightweight design (110 grams) make it ideal for space-constrained environments.
- Durable black steel housing with a powder-coated finish ensures longevity.
- Operates reliably in temperatures from 0°C to 40°C.
- Certified with BIS, RoHS, and ISO for assured quality and compliance.
- Comes with a 2-meter, 12V 5A adapter for stable power delivery.



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

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	1.62kg, 2.04kg

ACCESSORIES

Keyboard and Mouse	1
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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 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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