



# Thinvent Neo H Mini PC

## Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

256GB SSD

No WiFi

Windows 11 IoT

SKU: H-B-8\_3-S256-19\_1-X-11I-0



## Unleash Industrial Power: Introducing the Thinvent® Neo H Mini PC.

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this powerhouse is designed to tackle demanding applications with its formidable Intel® processor J1900, featuring 4 cores running up to 2.4 GHz and a 2 MB cache for exceptional multitasking. Paired with 4GB of DDR4 RAM and a lightning-fast 128GB SSD, you'll enjoy swift boot times and seamless operation, even with complex tasks.

Connectivity is king with the Neo H, offering a comprehensive suite of ports including 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 1 USB 3.0, and 4 USB 2.0. Its 1000 Mbps Ethernet port ensures stable network performance for uninterrupted industrial control and data processing. Encased in a resilient, black steel housing with a durable powder coating, this Mini PC is built to withstand challenging environments.

This is our largest product, meticulously designed and manufactured in India, embodying quality craftsmanship and cutting-edge technology.

### Key Specifications

- Processor: Intel® J1900 (4 Cores, up to 2.4 GHz, 2 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 128 GB SSD
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
- Connectivity: 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 1 USB 3.0, 4 USB 2.0, 1000 Mbps Ethernet
- Power: 12V 5A Adapter (included, 2 Metre cable)
- Build: Solid Steel Housing, Black Powder Coating Finish
- Dimensions: 210mm x 202mm x 80mm
- Certifications: BIS, RoHS, ISO
- Environment: 0°C ~ 40°C Operating Temperature, 20% ~ 80% RH Operating Humidity

Ideal for industrial control, digital signage, and other mission-critical operations.

No WiFi included.



# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

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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	256 GB

### DISPLAY

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HDMI	1
VGA	1

### AUDIO

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Speaker Out	1
Mic In	1

### CONNECTIVITY

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USB 3.0	1
USB 2.0	4

### NETWORKING

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Ethernet	1000 Mbps
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### POWER

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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

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Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

### PHYSICAL

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Form Factor	Mini PC
Thermal Design	Fanless Passive Cooling
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.21kg, 1.62kg

### OPERATING SYSTEM

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Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
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## Ordering Information

### PRODUCT CODE

**H - B - [RAM] - [SSD] - 19\_1 - X - [OS] - [Accessories]**

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

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