



Thinvent Neo H Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

32GB MLC SSD

No WiFi

Windows 11 IoT

SKU: H-B-8_3-S32-19_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

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

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	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

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	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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