



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

Thinvent Keyboard and Mouse set

SKU: H-B-8_3-S32-19_1-X-11-KM



Unleash Industrial Power: The Reinvented Neo H Mini PC.

Experience the pinnacle of performance with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications, offering unparalleled reliability and connectivity.

Engineered for Excellence

- Processor: Intel® J1900 (4 Cores, up to 2.4 GHz, 2 MB Cache)
- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD

Seamless Connectivity

- Display Outputs: 1 HDMI, 1 VGA
- Audio: 1 Speaker Out, 1 Mic In
- USB Ports: 1 USB 3.0, 4 USB 2.0
- Networking: 1000 Mbps Ethernet

Built for the Toughest Environments

- Robust Steel Housing with a sleek black powder coating ensures durability.
- Dimensions: 210mm × 202mm × 80mm
- Power: 12V 5A Adapter, 100~240 Volts AC input.
- Operating Conditions: 0°C ~ 40°C temperature, 20% ~ 80% RH humidity.

Complete Solution Out of the Box

- Includes Thinvent® Keyboard and Mouse set.
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry, optimized for industrial use.
- Certifications: BIS, RoHS, ISO for peace of mind.

Proudly 100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and beyond.



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	1.72kg, 2.14kg

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

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

RAM

4_3 = 4GB DDR3

8_3 = 8GB DDR3

SSD

S32 = 32GB MLC

S128 = 128GB

S256 = 256GB

OS

DOS = DOS

W_OS = Without OS

11I = Windows 11 IoT

11P = Windows 11 Pro

Thinux = Thinux™ Embedded Linux

U = Ubuntu Linux

Accessories

0 = None

KM = Keyboard and Mouse set

1S = DB9 Serial

MK = Mechanical Keyboard

Mo = Wired Optical Scroll Mouse

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