



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

Ubuntu Linux

Thinvent Keyboard and Mouse set

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



Unleash Industrial Power: The Thinvent® Neo H Mini PC.

Introducing the High Performance version of our bestselling Neo model, the Thinvent® Neo H Mini PC is engineered to be an industrial workhorse. Designed and manufactured in India with a robust steel housing, this compact powerhouse delivers exceptional performance for demanding applications like industrial control.

Key Features

- Powerful Intel® J1900 Processor: Experience smooth multitasking with a 4-core processor, clocking up to 2.4 GHz and featuring a 2 MB cache for efficient data access.
- Ample Memory and Storage: Run your applications smoothly with 4GB of DDR4 RAM and benefit from lightning-fast boot times and application loading with a 128GB SSD.
- Extensive Connectivity: Connect all your peripherals with ease. This Mini PC boasts 1 HDMI, 1 VGA, 1 USB 3.0, 4 USB 2.0 ports, 1 Speaker Out, 1 Mic In, and a high-speed 1000 Mbps Ethernet port.

- Reliable Power: Comes with a 12V 5A adapter designed for consistent performance.
- Pre-loaded Ubuntu Linux 24.04 LTS: Get started immediately with a stable and powerful open-source operating system.
- Built for the Toughest Environments: Features a durable black steel housing with a powder coating, designed to operate in temperatures from 0°C to 40°C.
- Complete Solution: Includes a Thinvent® keyboard and mouse set for immediate productivity.

The Thinvent® Neo H Mini PC is your dependable partner for industrial computing needs, offering superior performance, robust construction, and comprehensive connectivity in a compact form factor.



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	Ubuntu Linux 24.04 LTS
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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 Mousewww.thinvent.insales@thinvent.in

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