

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

32GB MLC SSD

No WiFi

Ubuntu Linux

SKU: H-B-8_3-S32-19_1-X-U-0



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

Experience the pinnacle of industrial computing with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered for demanding applications and designed for relentless operation, this is not just a PC; it's an industrial workhorse built to excel.

Performance That Dominates

At its heart lies the robust Intel® J1900 processor, boasting 4 cores that reach up to 2.4 GHz with a 2 MB cache, ensuring seamless multitasking and swift processing for complex industrial control tasks. Paired with 4GB of DDR4 RAM, this Mini PC handles intensive workloads with exceptional efficiency.

Storage Built to Last

A rapid 128GB SSD provides lightning-fast boot times and application loading, crucial for uninterrupted industrial operations.

Versatile Connectivity

This powerhouse is packed with connectivity options to suit any industrial setup.

- 1 HDMI port
- 1 VGA port
- 1 Speaker Out
- 1 Mic In
- 1 USB 3.0 port
- 4 USB 2.0 ports

- 1000 Mbps Ethernet for reliable networking

Robust Engineering and Reliability

Crafted with a solid steel housing and finished with a durable black powder coating, the Neo H Mini PC is built to withstand the rigors of industrial environments. Designed and manufactured 100% in India, it embodies quality and resilience.

Designed for Continuous Operation

- Operates efficiently between 0°C and 40°C
- Supports 20% ~ 80% RH non-condensing humidity
- Powered by a reliable 12V 5A adapter with universal 100~240V AC input

Included Software

Comes pre-loaded with Ubuntu Linux 24.04 LTS, offering a stable and flexible operating system for your industrial needs.

Specifications

- Processor: Intel® J1900 (4 Core, up to 2.4 GHz, 2 MB Cache)
- RAM: 4GB DDR4
- Storage: 128GB SSD
- Power Adapter: 12V 5A, 2 Metre Cable
- Certifications: BIS, RoHS, ISO
- Dimensions: 210mm x 202mm x 80mm



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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	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 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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