

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

32GB MLC SSD

No WiFi

DOS

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



Power Your Industrial Ambitions: The Thinvent® Neo H Mini PC.

Experience unmatched reliability and 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 to tackle demanding applications with its robust configuration and extensive connectivity.

Key Features and Benefits

- Uncompromising Processing Power: Driven by an Intel® J1900 processor featuring 4 cores running up to 2.4 GHz and a 2 MB cache, the Neo H delivers swift and efficient multitasking for critical operations.
- Ample Memory for Demanding Tasks: With 4GB of DDR4 RAM, experience smooth performance even with complex industrial software and control systems.
- Fast and Reliable Storage: A 128GB SSD ensures rapid boot times and quick data access, boosting productivity in time-sensitive environments.
- Versatile Connectivity Options:
 - 1 HDMI and 1 VGA port for flexible display integration.
 - 1 Speaker Out and 1 Mic In for audio input/output.
 - 1 USB 3.0 and 4 USB 2.0 ports for peripheral connectivity.

- A high-speed 1000 Mbps Ethernet port for stable network performance.
- Built for the Toughest Environments:
 - Robust steel housing with a durable black powder coating ensures longevity.
 - Operates reliably in temperatures from 0°C to 40°C with 20% ~ 80% non-condensing humidity.
- Included 12V 5A adapter with a 2-meter cable for convenient setup.
- Power Input: 100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum.
- Certified for Quality and Compliance: BIS, RoHS, and ISO certifications underscore our commitment to quality.
- Compact and Efficient Design: Measuring just 210mm × 202mm × 80mm, it fits seamlessly into any industrial setup.
- Open to Your Control: Comes with FreeDOS, offering complete freedom to install your preferred operating system.
- Proudly 100% Designed and Made in India.

The Thinvent® Neo H Mini PC is your dependable partner for industrial control, automation, and any application demanding robust performance and unwavering reliability.



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	FreeDOS
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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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