



Thinvent Neo H Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

256GB SSD

No WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-B-8_3-S256-19_1-X-W_OS-KM



Unleash Industrial Power, Designed and Made in India

Introducing the Thinvent® Neo H Mini PC

Experience the robust performance of the High Performance version of our bestselling Neo model. This industrial workhorse, proudly 100% designed and made in India, is built for demanding applications with its formidable specifications and a resilient steel construction.

Key Features and Benefits

- Powerful Processing: Equipped with a 4-core Intel® processor J1900, boasting a max frequency of 2.4 GHz and 2 MB cache, it handles complex tasks with ease.
- Seamless Multitasking: 4GB DDR4 RAM ensures smooth operation for your industrial control and other critical applications.
- Speedy Storage: A 128GB SSD provides rapid boot times and quick data access, boosting productivity.
- Versatile Connectivity:
 - 1 HDMI and 1 VGA port for dual display setups.
 - 1 Speaker Out and 1 Mic In for audio integration.
 - 1 USB 3.0 and 4 USB 2.0 ports for a wide array of peripherals.

- 1000 Mbps Ethernet for reliable network connectivity.
- Built for the Tough Environment:
 - Robust steel housing with a durable black powder coating ensures longevity.
 - Operates efficiently in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.
- Comprehensive Power and Adapter: Includes a 12V 5A adapter with a 2-meter cable, compatible with 100~240 Volts AC power input.
- Included Peripherals: Comes with a Thinvent® Keyboard and Mouse set for immediate usability.
- Ready for Your Control: Supplied Without OS, offering the flexibility to install your preferred operating system for tailored industrial solutions.
- Certifications for Quality: BIS, RoHS, and ISO certified for peace of mind.
- Compact and Powerful: Despite its substantial capabilities, its dimensions are 210mm × 202mm × 80mm.



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	256 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	Without OS
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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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