



Thinvent Neo H Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

Dual 128GB SSD

No WiFi

Windows 11 IoT

SKU: H-B-8_3-M128_S128-19_3-X-11I-0



Unleash Industrial Power: Introducing the Thinvent® Neo H Mini PC.

Experience unparalleled performance and robust reliability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this powerhouse is designed to tackle demanding applications with its formidable Intel® processor J1900, featuring 4 cores running up to 2.4 GHz and a 2 MB cache for exceptional multitasking. Paired with 4GB of DDR4 RAM and a lightning-fast 128GB SSD, you'll enjoy swift boot times and seamless operation, even with complex tasks.

Connectivity is king with the Neo H, offering a comprehensive suite of ports including 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 1 USB 3.0, and 4 USB 2.0. Its 1000 Mbps Ethernet port ensures stable network performance for uninterrupted industrial control and data processing. Encased in a resilient, black steel housing with a durable powder coating, this Mini PC is built to withstand challenging environments.

This is our largest product, meticulously designed and manufactured in India, embodying quality craftsmanship and cutting-edge technology.

Key Specifications

- Processor: Intel® J1900 (4 Cores, up to 2.4 GHz, 2 MB Cache)
- Memory: 4 GB DDR4 RAM
- Storage: 128 GB SSD
- Operating System: Microsoft Windows 11 IoT Enterprise LTSC 2024 Entry
- Connectivity: 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 1 USB 3.0, 4 USB 2.0, 1000 Mbps Ethernet
- Power: 12V 5A Adapter (included, 2 Metre cable)
- Build: Solid Steel Housing, Black Powder Coating Finish
- Dimensions: 210mm × 202mm × 80mm
- Certifications: BIS, RoHS, ISO
- Environment: 0°C ~ 40°C Operating Temperature, 20% ~ 80% RH Operating Humidity

Ideal for industrial control, digital signage, and other mission-critical operations.

No WiFi included.



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	128 GB
Secondary SSD Storage	128 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	3 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 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	181.5mm × 199.5mm × 72mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel base, aluminium cover
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.57kg, 1.99kg

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_3-X-[OS]-[Accessories]

RAM	4_3 = 4GB DDR3	8_3 = 8GB DDR3
SSD	S32 = 32GB MLC S256 = 256GB m128_S32 = 128GB SSD + 32 GB MLC S128_S128 = 128GB SSD + 128 GB MLC S32_S32 = 32GB MLC SSD + 32 GB MLC n512_h1024 = 512GB NVMe SSD + 1TB HDD	S128 = 128GB m128_S128 = Dual 128GB S128_S32 = 128GB SSD + 32 GB MLC m32_S32 = 32GB SSD + 32 GB MLC h1024 = 1TB HDD n1024_h1024 = 1TB NVMe SSD + 1TB HDD
OS	D0S = DOS 11I = Windows 11 IoT 110 = Windows 11 Professional U = Ubuntu Linux	W_OS = Without OS 11P = Windows 11 Pro Thinix = Thinix™ Embedded Linux
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse	KM = Keyboard and Mouse set MK = Mechanical Keyboard

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