Thinvent Neo H Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

8GB DDR3 RAM

512GB NVMe SSD + 1TB HDD

No WiFi

Windows 11 Pro

SKU: H-B-8_3-N512_H1024-19_1.5-X-11P-0



Unleash Industrial Power in a Compact Form: The Thinvent® Neo H Mini PC.

Experience the robust performance of the Thinvent® Neo H Mini PC, a High Performance evolution of our bestselling Neo model. Engineered for demanding industrial applications, this compact powerhouse is designed and made in India, boasting a solid steel construction for ultimate durability.

Key Performance Highlights

- Processor: Intel® J1900 (4 cores, up to 2.4 GHz, 2 MB cache) delivers reliable processing for complex tasks.
- Memory: 4GB DDR4 RAM ensures smooth multitasking and efficient operation.
- Storage: A swift 128GB SSD provides rapid boot times and quick data access.

Extensive Connectivity for Industrial Needs

- Versatile Display Options: 1x HDMI and 1x VGA ports for flexible monitor setups.
- Audio Integration: 1x Speaker Out and 1x Mic In for audio input/output.
- Peripheral Support: 1x USB 3.0 and 4x USB 2.0 ports for all your devices.
- High-Speed Networking: 1000 Mbps Ethernet for stable and fast network connections.

Built to Last

- Robust Steel Housing: Painted in a sleek black finish for industrial resilience.
- Wide Operating Range: Functions reliably between 0°C and 40°C with 20% to 80% humidity tolerance.
- Certified Quality: BIS, RoHS, and ISO certifications ensure adherence to high standards.

Included

- 12V 5A Power Adapter (2 Metre cable length) for stable power delivery.
- Microsoft Windows 11 Pro pre-installed for immediate productivity.

Dimensions: 210mm × 202mm × 80mm. This is the industrial workhorse you've been waiting for.



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	512 GB
HDD Storage	1024 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

POWER

DC Voltage	19 Volts
DC Current	1.5 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	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	1.46kg, 1.87kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Pro

Thinvent Neo H Mini PC

Ordering Information

PRODUCT CODE

`H-B-[RAM]-[SSD]-19_1.5-X-[OS]-[Accessories]`

RAM	**4_3** = 4GB DDR3	**8_3** = 8GB DDR3
SSD	**S32** = 32GB MLC	**S128** = 128GB
	S256 = 256GB	**m128_S128** = Dual 128GB
	m128_S32 = 128GB SSD + 32 GB MLC	**S128_S32** = 128GB SSD + 32 GB MLC
	S128_S128 = 128GB SSD + 128 GB MLC	**m32_S32** = 32GB SSD + 32 GB MLC
	S32_S32 = 32GB MLC SSD + 32 GB MLC	**h1024** = 1TB HDD
	n512_h1024 = 512GB NVMe SSD + 1TB HDD	**n1024_h1024** = 1TB NVMe SSD + 1TB HDD
OS	**DOS** = DOS	**W_OS** = Without OS
	11I = Windows 11 IoT	**11P** = Windows 11 Pro
	11O = Windows 11 Professional	**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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