



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

DOS

Thinvent Keyboard and Mouse set

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



Unleash Industrial Power: 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 compact powerhouse is designed to tackle demanding applications with its formidable specifications and extensive connectivity.

Key Features

- Powerful Performance: Driven by a 4-core Intel® J1900 processor, clocking up to 2.4 GHz with a 2 MB cache, for swift and efficient multitasking.
- Ample Memory and Storage: Equipped with 4GB DDR4 RAM and a speedy 128GB SSD, ensuring quick boot times and smooth application loading.
- Versatile Connectivity:
 - 1 x HDMI and 1 x VGA for dual display options.
 - 1 x USB 3.0 and 4 x USB 2.0 ports for a wide range of peripherals.

- 1 x 1000 Mbps Ethernet port for stable network connections.
- Dedicated audio: 1 x Speaker Out and 1 x Mic In.
- Built for Durability: Housed in a solid steel chassis with a protective black powder coating, measuring a compact 210mm x 202mm x 80mm. Designed for challenging environments with an operating temperature of 0°C ~ 40°C.
- Ready to Go: Includes a Thinvent® keyboard and mouse set and FreeDOS operating system for immediate deployment.
- Global Standards: Certified with BIS, RoHS, and ISO for quality assurance.
- Efficient Powering: Supplied with a 12V 5A adapter and supports universal 100~240 Volts AC input.

100% designed and made in India, the Thinvent® Neo H Mini PC is your ultimate solution for industrial control and demanding compute tasks where reliability and performance are paramount.



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	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 Thinux = Thinux™ 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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