Thinvent Neo H Mini PC

Intel processor J1900

4 core, up to 2.4 GHz, 2 MB cache

4GB DDR3 RAM

512GB NVMe SSD + 1TB HDD

No WiFi

Thinux Embedded Linux

Thinvent Keyboard and Mouse set

SKU: H-B-4_3-N512_H1024-19_1.5-X-THINUX-KM



Thinvent® Neo H Mini PC: Unleash Industrial Power and Reliability.

Experience the pinnacle of performance and durability with the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this largest-form-factor machine boasts a robust Intel® processor J1900 with 4 cores running up to 2.4 GHz and a 2 MB cache, complemented by 4GB DDR4 RAM for seamless multitasking. Store your critical data on the lightning-fast 128GB SSD.

Designed for demanding environments, the Neo H features a solid steel housing with a sleek black powder coating, ensuring exceptional longevity. Its comprehensive connectivity suite includes 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 1 USB 3.0, 4 USB 2.0 ports, and a blazing-fast 1000 Mbps Ethernet port.

Powered by the intelligent Thinux™ Embedded Linux operating system, this Mini PC offers a secure and efficient platform for your industrial control needs. Key OS features include Chromium and Mozilla Firefox browsers, robust remote access capabilities like RDP 10 (RemoteFX, H.264/AVC), Putty, SSH, and browser-based management with VNC shadowing. Enjoy broad application support with Java, Python, glibc, LibreOffice, PDF viewing, multimedia playback, and even SIP video and voice over IP.

Included is a Thinvent® Keyboard and Mouse set, and a reliable 12V 5A adapter for consistent operation. Manufactured with pride in India, the Neo H is BIS, RoHS, and ISO certified, guaranteeing quality and compliance.

Key Specifications

- Processor: Intel® J1900 (4 Cores, up to 2.4 GHz, 2 MB Cache)
- Memory: 4GB DDR4 RAM
- Storage: 128GB SSD
- Connectivity: 1x HDMI, 1x VGA, 1x Speaker Out, 1x Mic In, 1x USB 3.0, 4x USB 2.0, 1x 1000 Mbps Ethernet
- Operating System: Thinvent® Thinux™ Embedded Linux
- Build: Solid Steel Housing, Black Powder Coating
- Power: 12V 5A Adapter (100~240V AC Input)
- Dimensions: 210mm × 202mm × 80mm
- Designed and Made in India
- Certifications: BIS, RoHS, ISO



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	4 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	1.97kg, 2.39kg

ACCESSORIES

Keyboard and Mouse	1

OPERATING SYSTEM

Operating System	Thinvent® Thinux™ Embedded Linux
OS Features	Chromium and Mozilla Firefox browsers. RDP 10 (RemoteFX, H.264/AVC), Putty and SSH for remote display. Browser based remote management. VNC shadowing. Java, Python and glibc based location application support. LibreOffice and PDF viewer. Multimedia player with MPEG4 support. SIP video and voice over IP.

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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