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

Thinux Embedded Linux

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



Unleash Industrial Power with the Inventive Neo H Mini PC

Discover the robust and reliable Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo model. Engineered as an industrial workhorse, this compact powerhouse is designed for demanding applications, offering unmatched reliability and a comprehensive suite of connectivity options.

Powerful Performance

- Experience smooth multitasking and efficient processing with the Intel® processor J1900, featuring 4 cores running up to 2.4 GHz with a 2 MB cache.
- Seamlessly handle your tasks with 4GB of DDR4 RAM.
- Benefit from lightning-fast boot times and application loading with a 128GB SSD.

Versatile Connectivity

- Connect with confidence using a full range of ports: 1 HDMI, 1 VGA, 1 Speaker Out, 1 Mic In, 1 USB 3.0, and 4 USB 2.0.
- Enjoy high-speed networking with 1000 Mbps Ethernet.

Built for Durability

- Housed in a solid steel body with a sleek black power coating, the Neo H Mini PC is built to withstand challenging environments.
- Its robust construction ensures longevity, making it ideal for industrial control and similar applications.

Intelligent Operating System

- Powered by the secure and efficient Thinvent® Thinux™ Embedded Linux, this Mini PC is optimized for performance and stability.
- Key OS features include:
- Web browsing with Chromium and Mozilla Firefox.
- Advanced remote access capabilities with RDP 10 (RemoteFX, H.264/AVC), Putty, and SSH.
- Browser-based remote management and VNC shadowing for effortless control.
- Support for Java, Python, and glibc for custom location applications.
- Productivity tools like LibreOffice and a PDF viewer.
- Multimedia playback with MPEG4 support.
- Seamless voice and video communication with SIP over IP.

Designed and Made in India

- Proudly 100% designed and made in India, embodying quality and innovation.

Specifications

- Power: 12V 5A Adapter (100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum)
- Operating Environment: 0°C ~ 40°C, 20% ~ 80% RH (non-condensing)
- Certifications: BIS, RoHS, ISO
- Dimensions: 210mm × 202mm × 80mm

The Thinvent® Neo H Mini PC is your ultimate solution for reliable, high-performance computing in any industrial setting.





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	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	

www.thinvent.in sales@thinvent.in +91-11-430-77467 +91-99903-44251

R&D and Manufacturing
#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales
UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India