



Thinvent Neo H Mini PC

Intel Core i5-1335U processor

10 core, up to 4.6 GHz, 12 MB cache

64GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 IoT Value

SKU: H-I5_13-64-M512-12_5-X-11V-0



Thinvent® Neo H Mini PC: Unyielding Power, Unrivaled Reliability for Industrial Command.

Meet the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo line, engineered as a true industrial workhorse. This is our largest, most powerful Mini PC, proudly 100% designed and made in India, built to dominate industrial control and demanding applications.

Unleash extreme processing power

- Driven by an Intel® Core™ i5-1335U processor with 10 cores, reaching up to 4.6 GHz, backed by 12 MB cache for blazing-fast computations.
- Experience seamless multitasking and handle complex software effortlessly with a colossal 64GB DDR4 RAM.
- Benefit from rapid boot-ups and quick data access with the robust 128GB SSD.

Engineered for the toughest environments

- Housed in a solid steel chassis with a durable power coating in sleek black, ensuring industrial-grade longevity.
- Certified with BIS, RoHS, and ISO, guaranteeing quality and compliance.

- Operates reliably in temperatures from 0°C to 40°C and humidity from 20% to 80% RH (non-condensing).

Comprehensive connectivity for total control

- Equipped with a high-speed 1000 Mbps Ethernet port for ultra-stable wired networking, essential for secure industrial operations.
- Expand your setup with versatile I/O: 1 HDMI, 1 VGA, 2 USB 3.2, 2 USB 2.0, Speaker Out, and Mic In.
- Powered by a robust 12V 7A adapter with wide AC input (100~275V, 50~60 Hz) for global operational flexibility.

Optimized for dedicated performance

- Runs Microsoft Windows 11 IoT Enterprise LTSC 2024 Value, providing a secure, streamlined, and dedicated environment for your specific industrial applications.

Physical Specifications

- Dimensions: 210mm x 202mm x 80mm
- Cable Length: 2 Metre

This compact powerhouse is your ultimate solution for mission-critical operations.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	13th
Series	i5
Processor Brand	Intel
Processor Model	1335U
Cores	10
Max Frequency	4.6 GHz
Cache	12 MB
Main Memory	64 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	5 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
Dimensions	210mm × 202mm × 80mm
Packing Dimensions	340mm × 235mm × 105mm
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.62kg, 2.04kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 IoT Enterprise LTSC 2024 Value
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Ordering Information

PRODUCT CODE	
H-i5_13-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]	
RAM	4 = 4GB DDR4 8 = 8GB DDR4 16 = 16GB DDR4 32 = 32GB DDR4 64 = 64GB DDR4
SSD	m128 = 128GB m256 = 256GB m32 = 32GB m512 = 512GB m1024 = 1TB S32 = 32GB MLC S128 = 128GB S256 = 256GB
Wireless	m = Dual Band WiFi X = No WiFi
OS	DOS = DOS W_OS = Without OS 11V = Windows 11 IoT Value 11P = Windows 11 Pro Thinix = Thinix™ 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

