



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

32GB DDR4 RAM

512GB SSD

No WiFi

Ubuntu Linux

Thinvent Keyboard and Mouse set

SKU: [H-I3_12L-32-M512-12_5-X-U-KM](#)



Power Through the Toughest Tasks with Unmatched Reliability.

Introducing the Neo H, our high-performance powerhouse

Built for Industrial Demands

Experience unwavering performance where it matters most. The Neo H is engineered as a true industrial workhorse, ready to tackle demanding control applications and run critical operations day in, day out. Its robust solid steel construction ensures it can withstand challenging environments, providing dependable service you can count on.

Connectivity at Its Core

Designed for seamless integration into complex systems. With its array of connectivity ports, the Neo H effortlessly links to a multitude of devices and peripherals. This versatile hub simplifies your setup, eliminating compatibility headaches and keeping your workflow perfectly streamlined.

Pure Performance, Zero Bloat

Hit the ground running with a clean, efficient, and secure operating system. Free from unnecessary software, it delivers focused computing power directly to your applications, ensuring maximum uptime and stability for your essential industrial processes.

Proudly Engineered in India

Invest in superior quality and support local innovation. Every Neo H is 100% designed and manufactured in India, reflecting a commitment to excellence and robust engineering tailored for the modern industrial landscape.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i3
Processor Brand	Intel
Processor Model	1215U
Cores	6
Max Frequency	4.4 GHz
Cache	10 MB
Main Memory	32 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
RS485 Option	1

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

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	2.21kg, 2.63kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE	
H-i3_12l-[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

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