

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

16GB DDR4 RAM

512GB SSD

No WiFi

DOS

DB9 Serial

SKU: H-I5_12L-16-M512-12_7-X-DOS-1S



Power Through Your Toughest Industrial Challenges

Meet the Neo H Mini PC, the high-performance evolution of our bestselling Neo series. Engineered as a true industrial workhorse, it delivers robust, reliable computing where it matters most.

Built for Demanding Environments

This powerhouse is 100% designed and made in India with a focus on unwavering durability. Its solid steel construction ensures it can withstand the rigours of factory floors and control rooms, providing steadfast operation day in, day out.

Unmatched Connectivity and Control

- Seamlessly integrate into complex systems with dual LAN ports and legacy serial connectivity.

- Drive multiple displays effortlessly for monitoring and control interfaces.
- Enjoy a host of ports to connect all your essential peripherals and specialised equipment.

Your Reliable Partner in Automation

Ideal for industrial control, automation, and machine monitoring, the Neo H is built to be the dependable brain of your operation. It delivers the consistent, high-performance computing needed to keep your processes running smoothly and efficiently. Choose the robust, high-performance mini PC built for real industry.



Thinvent Neo H Mini PC



Specifications

PROCESSING

Generation	12th
Series	i5
Processor Brand	Intel
Processor Model	1240P
Cores	12
Max Frequency	4.4 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	512 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
Serial Port	1 DB9 male RS232

NETWORKING

Ethernet	1000 Mbps
Ethernet Ports	2

POWER

DC Voltage	12 Volts
DC Current	7 Amps
Power Input	100~275 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	1.82kg, 2.24kg

OPERATING SYSTEM

Operating System	FreeDOS
------------------	---------

Ordering Information

PRODUCT CODE	
H-i5_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

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

