

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

8GB DDR4 RAM

512GB SSD

No WiFi

Without OS

DB9 Serial

SKU: H-I3_12L-8-M512-12_7-X-W_OS-1S



Industrial Power, Compact Form: Unleash the potential of the High Performance Neo H Mini PC.

Purpose-Built for Demanding Environments

This is our most robust and powerful Neo model, engineered to be the steadfast heart of your industrial operations. Housed in a solid steel chassis for unwavering durability, it delivers exceptional processing muscle to tackle complex control and automation tasks with smooth, reliable performance.

Your Dedicated Industrial Workhorse

- Seamlessly integrates into machinery control, process automation, and digital signage systems.

- Offers versatile connectivity with dual Ethernet ports and legacy serial support for direct equipment communication.
- Its fanless, rugged design ensures silent, dependable operation in challenging conditions.
- A proudly 100% designed and made in India solution, built to support the backbone of industry.

Choose the Neo H for a compact, powerful, and utterly dependable computing core that thrives where it matters most.



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	8 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
RS485 Option	1

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	1.79kg, 2.21kg

OPERATING SYSTEM

Operating System	Without OS
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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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