



Thinvent Neo H Mini PC

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

128GB SSD

Dual Band WiFi

Windows 11 Pro

Thinvent Keyboard and Mouse set

SKU: H-I3_12L-64-M128-12_5-M-11P-KM



The Industrial Workhorse, Redefined: Power Where It Matters Most.

Introducing the Neo H, our most robust and high-performance industrial Mini PC. Built for the demanding environments where reliability is non-negotiable.

Uncompromising Performance for Critical Tasks

- Tackle industrial automation, control systems, and complex monitoring applications with smooth, responsive power.
- Experience flawless operation for software that drives your production line, manages equipment, or controls digital signage networks.

Engineered for Resilience and Reliability

- Trust in a solid steel chassis built to withstand the rigours of factory floors and industrial settings.
- Operate with confidence in varied conditions, thanks to a design focused on unwavering stability.

Maximum Connectivity, Minimal Hassle

- Integrate seamlessly with a full ecosystem of peripherals, sensors, and network infrastructure.
- Enjoy versatile display options and dual networking for robust, fail-safe connections essential in industrial applications.

A Complete, Professional-Grade Solution

- Get started immediately with the included Windows 11 Pro and a full keyboard & mouse set.
- This is a proud 100% Indian-designed and manufactured powerhouse, built to support industry and innovation.

Deploy the Neo H. It's not just a computer; it's the dependable core of your operational technology.

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	64 GB
SSD Storage	128 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Microsoft Windows 11 Pro
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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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