

Intel Core i3-1215U processor

6 core, up to 4.4 GHz, 10 MB cache

Dual LAN

64GB DDR4 RAM

512GB SSD

No WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I3_12L-64-M512-12_5-X-11P-1S



Power Your Industrial Vision with the Neo H Mini PC.

The next generation of industrial computing has arrived. The Thinvent Neo H Mini PC is our high-performance powerhouse, engineered in India for relentless reliability in demanding environments. It's the robust brain your critical operations deserve.

Built for the Long Haul

- Features a solid steel chassis with a powder-coated finish for superior durability against dust, vibration, and harsh conditions.
- 100% designed and made in India, ensuring quality and support you can trust.
- Its compact, industrial-grade form factor saves valuable panel or desk space without compromising on power.

Connectivity at Its Core

- Dual Gigabit Ethernet ports provide robust and reliable network connectivity for seamless data transfer and system integration.

- The integrated DB9 serial port offers legacy compatibility for industrial machinery, PLCs, and specialised equipment.
- Multiple display outputs, including HDMI and VGA, allow for flexible monitoring and control setups.

Your Industrial Workhorse

- Equipped with a powerful Intel Core processor to smoothly handle industrial control software, data logging, and automation tasks.
- Delivers steadfast performance for 24/7 applications, from factory floor monitoring to digital signage and kiosk management.
- Comes pre-installed with Windows 11 Pro for a familiar, secure, and professional operating environment right out of the box.

Choose the Neo H Mini PC. It's more than a computer; it's the dependable foundation for your most critical industrial applications.



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	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	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	1.69kg, 2.11kg

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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