

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM

1TB SSD

No WiFi

Without OS

DB9 Serial

SKU: H-I5_12L-64-M1024-12_7-X-W_OS-1S



Engineered for the relentless pace of industry: The Thinvent Neo H.

Where unshakeable reliability meets serious processing power. This is our high-performance industrial workhorse, built from the ground up to master complex control tasks and thrive in demanding environments.

Built to endure

- A solid steel chassis ensures robust protection in rugged settings.
- 100% designed and made in India, supporting local industry with proven quality.
- Engineered for stable operation in a wide range of industrial conditions.

Connect and command

- Versatile dual Ethernet ports for critical network redundancy and connectivity.

- A dedicated legacy serial port for seamless integration with PLCs, scanners, and specialised machinery.
- Comprehensive I/O options provide the ultimate flexibility for your industrial ecosystem.

Ideal for mission-critical applications such as

- Industrial automation and machine control.
- Digital signage and kiosks in public spaces.
- Dedicated monitoring stations and HMI roles.
- Any application where dependable, powerful computing is non-negotiable.

Choose the Neo H. It's more than a mini PC; it's the steadfast, powerful core your operations deserve.



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	64 GB
SSD Storage	1024 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	Without OS
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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

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