



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

4GB DDR4 RAM

1TB SSD

No WiFi

Without OS

DB9 Serial

SKU: H-I5_12L-4-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	4 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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