



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

Dual LAN

64GB DDR4 RAM

1TB SSD

Dual Band WiFi

Windows 11 Pro

DB9 Serial

SKU: H-I5_12L-64-M1024-12_7-M-11P-1S



Engineered for the relentless demands of industry.

Uncompromising Power for Critical Operations:

Meet the Neo H Mini PC, our high-performance powerhouse built to thrive where it matters most. This isn't just a computer; it's a durable, all-terrain command centre for your most demanding industrial environments. Forged from solid steel and proudly made in India, it delivers exceptional reliability day in and day out.

Your Industrial Workhorse, Connected and Ready:

Designed as the ultimate partner for automation and control, the Neo H seamlessly integrates into your existing setup. Its robust connectivity ensures you can manage legacy equipment and modern networks simultaneously, eliminating downtime and complexity.

- Drive complex automation, data acquisition, and process control with effortless power.
 - Connect to a vast array of industrial machinery and peripherals without missing a beat.
 - Deploy with confidence in challenging conditions, backed by a rock-solid, steel-clad build.
- Leverage trusted, high-performance computing
- designed and manufactured for rigorous industrial use.

Choose the industrial mini PC that works as hard as you do.
Choose Thinvent Neo H.

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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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	Microsoft Windows 11 Pro
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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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