



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM

1TB SSD

No WiFi

Windows 11 Professional

SKU: H-I5_12-32-M1024-12_5-X-11O-0



Serious power for the toughest industrial roles.

Meet the Thinvent Neo H Mini PC – the high-performance flagship of our celebrated Neo family. This is the one we engineer for jobs that demand relentless computing muscle, day in and day out, in environments where lesser machines simply give up.

Built for the industrial frontline

- Handle demanding control systems, real-time data processing and complex automation tasks with effortless speed
- Keep multiple applications running smoothly without the lag that slows down your operation
- Trust a rock-solid steel chassis, powder-coated for durability, to shrug off the knocks and bumps of a busy workshop or factory floor

Connectivity that keeps you in command

- Link up to legacy and modern equipment alike, with a versatile array of ports for displays, peripherals and network devices

- Drive dual-screen setups for clearer monitoring and more efficient workflows
- Enjoy dependable wired networking for stable, uninterrupted communication between machines

A workhorse you can rely on

- Rest easy with Windows 11 Professional, giving you enterprise-grade security and management features
- Count on consistent operation in temperatures up to 40°C, so your processes keep moving even when things heat up
- Choose a product that is 100% designed and made in India, backed by ISO and RoHS certifications

Whether you are running a production line, controlling plant machinery, or building an edge-computing solution, the Neo H Mini PC delivers the performance and durability your business depends on. It's not just a computer – it's the dependable partner your operation needs to stay productive, responsive and ahead of the curve.



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	32 GB
SSD Storage	1024 GB

DISPLAY

HDMI	1
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.2	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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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	1.73kg, 2.14kg

OPERATING SYSTEM

Operating System	Microsoft Windows 11 Professional
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Ordering Information

PRODUCT CODE

H-i5_12-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]

RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	32_32 = 64GB DDR4 RAM (2 x 32GB)	16_16 = 32GB DDR4 RAM (2 x 16GB)	8_8 = 16GB DDR4 RAM (2 x 8GB)	
SSD	m128 = 128GB	m256 = 256GB	m1024 = 1TB	
	m512 = 512GB	S32 = 32GB MLC	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		
	110 = Windows 11 Professional	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			

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

 +91-99903-44251

R&D and Manufacturing

#11 Sports Complex

Salvador Do Mundo

North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall

Sector 49, Sohna Road

Gurgaon - 122018, India

