



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

4GB DDR4 RAM

2TB SSD

No WiFi

Without OS

SKU: H-I5_12-4-M2048-12_5-X-W_OS-0



Unleash Industrial Power in a Compact Design

Introducing the Thinvent® Neo H Mini PC: Your Ultimate Industrial Workhorse, proudly designed and made in India. This is the high-performance evolution of our bestselling Neo model, engineered for demanding industrial control and similar applications.

Processor Powerhouse

Experience unparalleled performance with the Intel® Core™ i5-1250P processor, boasting 12 cores that reach up to 4.4 GHz with a 12 MB cache. This configuration ensures lightning-fast multitasking and effortless handling of complex operations.

Robust Memory and Storage

Equipped with 8GB of DDR4 RAM for seamless application switching and a spacious 512GB SSD for rapid data access and storage.

Extensive Connectivity

Connect all your peripherals with ease. Features include

- 1 HDMI port
- 1 VGA port
- 1 Speaker Out

- 1 Mic In
- 2 USB 3.2 ports
- 2 USB 2.0 ports
- 1000 Mbps Ethernet for reliable network connections

Built for Durability

Crafted with a solid steel housing in a sleek black powder-coated finish, the Neo H Mini PC is built to withstand tough environments. Its compact dimensions (210mm × 202mm × 80mm) make it ideal for space-constrained settings.

Reliable Power and Operation

Includes a 12V 7A adapter with a 2-meter cable, compatible with 100~275 Volts AC power input. Operates reliably in temperatures from 0°C to 40°C with 20% to 80% non-condensing humidity.

Certifications and Flexibility

BIS, RoHS, and ISO certified for quality assurance. Supplied without an operating system, giving you the flexibility to install your preferred software.



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	2048 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
----------	-----------

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	Without OS
------------------	------------

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

