



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

16GB DDR4 RAM

256GB SSD

Dual Band WiFi

Windows 11 Pro

SKU: H-I5_12-16-M256-12_5-M-11P-0



Unleash Unrivaled Performance: The Industrial Powerhouse.

Introducing the Thinvent® Neo H Mini PC, the high-performance evolution of our bestselling Neo series. This robust and powerful Mini PC is our largest offering, engineered as an industrial workhorse for demanding applications like industrial control. Designed and made in India, its solid steel construction ensures unparalleled durability.

Unmatched Processing Power

Experience blazing speed with the Intel® Core™ i5-1250P processor, boasting 12 cores and turbo frequencies up to 4.4 GHz, backed by a 12 MB cache. Coupled with 16GB DDR4 RAM and a swift 256GB SSD, the Neo H delivers seamless multitasking and rapid data access, making it ideal for intensive operations.

Extensive Connectivity for Every Need

Connect with confidence through a host of options including HDMI and VGA for dual displays, two USB 3.2 ports and two USB 2.0 ports for peripherals, and a reliable Gigabit Ethernet port. Dual-band Wi-Fi 5 (802.11ac) ensures flexible wireless networking. Audio needs are covered with speaker out and mic in.

Built for Reliability

Encased in a power-coated black steel housing (210mm × 202mm × 80mm), this Mini PC is built to last. It operates flawlessly from 0°C to 40°C with 20% to 80% humidity, and includes a wide-range 100~275V AC power input for stable operation. Certifications like BIS, RoHS, and ISO underscore its quality.

Operating System

- Microsoft Windows 11 Pro

This industrial workhorse is 100% designed and made in India.



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	16 GB
SSD Storage	256 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
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

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 Pro
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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 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 Thinux = Thinux™ 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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