



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

32GB DDR4 RAM (2 x 16GB)

512GB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_12-16_16-M512-12_10-M-W_OS-KM



Unleash Industrial Power in a Compact Form.

Thinvent® Neo H Mini PC: The ultimate industrial workhorse, now in its High Performance version. This is our largest, most powerful Neo model, engineered and proudly 100% designed and made in India to deliver unparalleled performance for demanding applications like industrial control.

Performance at its Core

- Experience relentless processing power with the Intel® Core™ i5-1250P processor, featuring 12 cores, speeds up to 4.4 GHz, and a substantial 12 MB cache for seamless multitasking and intensive computations.
- Bolstered by a massive 32GB DDR4 RAM, you can effortlessly manage complex operations, while the 128GB SSD ensures lightning-fast boot times and rapid data access.

Unmatched Connectivity & Durability

- Built with a solid steel housing and powder-coated black finish, the Neo H withstands rigorous environments, certified by BIS, RoHS, and ISO for unwavering reliability.
- Stay connected with a host of options including HDMI, VGA, Speaker Out, Mic In, two USB 3.2, two USB 2.0 ports, Gigabit Ethernet, and dual-band Wi-Fi 5 (802.11ac) for robust wireless networking.
- Designed for challenging conditions, it operates flawlessly from 0°C to 40°C, and is powered by a wide-range 100~275V AC input adapter with a 2-meter cable.
- Customize your setup with the included Thinvent® Keyboard and Mouse set, and integrate your preferred operating system as it comes without OS.



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	512 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	10 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	2.34kg, 2.76kg

ACCESSORIES

Keyboard and Mouse	1
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OPERATING SYSTEM

Operating System	Without OS
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Ordering Information

PRODUCT CODE

H-i5_12-[RAM]-[SSD]-12_10-[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

m512 = 512GB

S32 = 32GB MLC

S256 = 256GB

m256 = 256GB

m1024 = 1TB

S128 = 128GB

Wireless

m = Dual Band WiFi

X = No WiFi

OS

DOS = DOS

11V = Windows 11 IoT Value

Thinux = Thinux™ Embedded Linux

W_OS = Without OS

11P = Windows 11 Pro

U = Ubuntu Linux

Accessories

0 = None

1S = DB9 Serial

Mo = Wired Optical Scroll Mouse

KM = Keyboard and Mouse set

MK = Mechanical Keyboard

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