



Thinvent Neo H Mini PC

Intel Core i5-1240P processor

12 core, up to 4.4 GHz, 12 MB cache

8GB DDR4 RAM

1TB SSD

Dual Band WiFi

Without OS

Thinvent Keyboard and Mouse set

SKU: H-I5_12-8-M1024-12_5-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	8 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
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	2.24kg, 2.66kg

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_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

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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